

SECTION

M01

Delivery Forecast

EDIFACT DELFOR D97.A

MGO Version



Document Change Log

Version	Date	Description
1.0	1997.09.15	Document issued.
1.1	1997.10.24	Inclusion of additional/modified code values
1.2	1997.12.09	Textual revisions.
1.3	1998.05.12	Textual revisions.
1.4	1998.10.22	<p><u>Additional Information for US schedules added:</u> UNB, Tag 0026 <u>Codes added in following segments:</u> BGM Pos. 0020, Tag 1000 SCC Pos. 0610, Tag 2015 DTM Pos. 0640, Tag 2005 <u>Changes:</u> UNB, Tag 0007: additional comments NAD Pos. 0090, Tag 3035: qualifier value "SF" deleted IMD Pos. 0400: segment deleted</p>
1.5	2000.07.18	FTX Pos. 0040 changed
1.6	2004.09.15	<p>Textual revisions 3.2 Revision on Segment Table Pos No. 3.5 Message Structure revision UNB – Pos 0000 Tag 0026 Application Reference Comments NAD Pos 0090 GM Interchange, and Example revision Tag 3035:qualifier value "SF" added GIS Pos 0200 Tag 7365 Revision on Processing Indicator code value NAD Pos 0220 Tag 3039 Revision on Party-Id Identification Code Values LIN Pos 0380 Tag 7140 Textual revision on Remark IMD Pos 0400 Segment added SCC Pos 0610 GM Interchange , and Example revision DTM Pos 0640 Example, and 1st occurrence revision PAC Pos 0690 Tag 7065 Textual revision in Remark 3.8 Example of Message revision Example of Message Transmitted revision</p>

Example

Version	Date	Guideline Team
1.6	2003.09.01	Gunter Schaefer GME Daniel Schmidt GME Gary Majer GM Pamela Mc Donnell GM Arthur Coleman EDS

Issued by: General Motors Corporation - MGO
 Distribution: GM & GM Trading Partners

0. TABLE OF CONTENT

0. TABLE OF CONTENT 3

1. INTRODUCTION 4

2. MESSAGE DEFINITION 4

2.1. FUNCTIONAL DEFINITION 4

2.2. PRINCIPLES 4

2.3. REFERENCES 4

2.4. FIELD OF APPLICATION 4

3. MESSAGE DESCRIPTION 5

3.1. INTRODUCTION 5

3.2. SEGMENT TABLE 6

3.3. BRANCHING DIAGRAM 8

3.4. MESSAGE STANDARD DESCRIPTION 11

3.5. MESSAGE STRUCTURE 17

3.6. SERVICE SEGMENTS DESCRIPTION 18

3.7. DATA SEGMENTS DESCRIPTION 23

3.8. EXAMPLE OF MESSAGE 52

3.9. SEGMENTS NOT USED IN DELFOR SUBSET 54

4. MESSAGE INFORMATION 59

4.1. SEGMENTS REPERTORY 59

4.1.1. Segments in alphabetical sequence 59

4.1.2. Segments in segment tag sequence 59

4.2. DATA ELEMENTS REPERTORY 60

4.2.1. Service data elements in alphabetical sequence 60

4.2.2. Service data elements in tag sequence 60

4.2.3. Data elements in alphabetical sequence 61

4.5.4. Data elements in tag sequence 63

1. INTRODUCTION

This document provides the specific description of the EDIFACT DELFOR D97.A message.

2. MESSAGE DEFINITION

This document provides the definition of a Delivery Instruction Message, based on the EDIFACT DELFOR D97.A, to be used in Electronic Data Interchange (EDI) between a GM Operating Company and its Trading Partners.

This documentation is fully comprehensive and allows the implementation of the EDIFACT DELFOR without the necessity for any additional standard related documentation.

2.1. FUNCTIONAL DEFINITION

The Delivery Instruction message is a message from GM to a GM Supplier giving details for both short and long term material requirements in line with the conditions set out in the purchase contract.

This message may only be used as planning forecast, shipping instruction will be provided in an additional call-off message.

2.2. PRINCIPLES

The Delivery Instruction message is intended to:

- specify requirements based on the delivery conditions.
- define the aspects that guarantee synchronisation between GM and the Supplier.
- provide information allowing the Supplier to plan for future requirements, to purchase raw materials.

2.3. REFERENCES

The content of this message is based on:

- the message structure as defined by EDIFACT for the Delivery Schedule Message DELFOR as published in the UN/EDIFACT D97.A Directory.
- the agreement between the Trading Partners on the data elements to be used, their unique definition, their representation and their values (coded or clear form) as identified in this document.
- although the DELINS subset defined by ODETTE has been based on the EDIFACT D96.A Directory which is not upward compatible with the D97.A Directory, the subset defined by General Motors and described in this document follows as close as possible the structure of the ODETTE subset.

2.4. FIELD OF APPLICATION

The following definition of a Delivery Instruction Message in EDIFACT format is applicable for the interchange of delivery instructions issued by GM for material deliveries to one or more GM Operations.

- ⑥ example of the segment as it may appear in an interchange. This example is only illustrative and does not necessarily represent an actual situation. It should **NOT** be used as a basis to implement this message.
- ⑦ definition of the segment content as defined by EDIFACT and as implemented by GM.
- ⑧ identification of the data elements in the segment
 - reference to the example.
 - data element tag - data elements with a 'C' denote a composite data element.
 - data element name - *italic CAPITALS* denote a composite data element.
 - **ST** - the status of the data element.
 - **FT** - the format of the data element, i.e. the indication of the number of characters (numerical or alphabetical) for this data element.
 - **SP** - the separator used between the data elements.
 - remarks on the specific use of the data element in the interchange with GM.
- ⑨ Shaded areas in the GM description mean that the data elements is not used by GM.
- ⑩ the segment description can be followed by:
 - comments providing more information regarding specific data elements and how they must be used and/or understood in messages from GM.
 - code values to be used for data elements contained in the message.

3.1.2. General remarks

Following remarks are applicable for the complete documentation:

- **Dates**
Unless otherwise specified in the field explanation in the documentation, dates are always expressed as **CCYYMMDD** (qualifier 2379 = 102).
- **Times**
Unless otherwise specified in the field explanation in the documentation, times are always expressed as **HHMM**.

3.2. SEGMENT TABLE

The following table shows the segments defined for the EDIFACT UNSM DELFOR D97.A Delivery Forecast message. Shaded areas identify the segments that are not used in the subset of DELFOR used by GM. This table, which should be read in conjunction with the branching diagram indicates the maximum number of occurrences for each segment.

POS.	TAG	NAME	ST	REPEATS
0010	UNH	Message header	M	1
0020	BGM	Beginning of message	M	1
0030	DTM	Date/time/period	M	10
0040	FTX	Free text	C	5
0050		Segment group 1	C	10
0060	RFF	Reference	M	1
0070	DTM	Date/time/period	C	1
0080		Segment group 2	C	99
0090	NAD	Name and address	M	1
0100		Segment group 3	C	10
0110	RFF	Reference	M	1
0120	DTM	Date/time/period	C	1

POS.	TAG	NAME	ST	REPEATS
0130		Segment group 4	C	5
0140	CTA	Contact information	M	1
0150	COM	Communication contact	C	5
0160		Segment group 5	C	10
0170	TDT	Details of transport	M	1
0180	DTM	Date/time/period	C	5
0190		Segment group 6	C	9999
0200	GIS	General Indicator	M	1
0210		Segment group 7	C	1
0220	NAD	Name and Address	M	1
0230	LOC	Place/location identification	C	10
0240	FTX	Free text	C	5
0250		Segment group 8	C	10
0260	RFF	Reference	M	1
0270	DTM	Date/time/period	C	1
0280		Segment group 9	C	10
0290	DOC	Document/message details	M	1
0300	DTM	Date/time/period	C	10
0310		Segment group 10	C	5
0320	CTA	Contact information	M	1
0330	COM	Communication contact	C	5
0340		Segment group 11	C	10
0350	TDT	Details of transport	M	1
0360	DTM	Date/time/period	C	5
0370		Segment group 12	C	9999
0380	LIN	Line item	M	1
0390	PIA	Additional product id	C	10
0400	IMD	Item description	C	10
0410	MEA	Measurements	C	5
0420	ALI	Additional information	C	5
0430	GIN	Goods identity number	C	999
0440	GIR	Related identification numbers	C	999
0450	LOC	Place/location identification	C	999
0460	DTM	Date/time/period	C	5
0470	FTX	Free text	C	5
0480		Segment group 13	C	10
0490	RFF	Reference	M	1
0500	DTM	Date/time/period	C	1
0510		Segment group 14	C	10
0520	TDT	Details of transport	M	1
0530	DTM	Date/time/period	C	2
0540		Segment group 15	C	10
0550	QTY	Quantity	M	1
0560	DTM	Date/time/period	C	2
0570		Segment group 16	C	10
0580	RFF	Reference	M	1
0590	DTM	Date/time/period	C	1
0600		Segment group 17	C	999
0610	SCC	Scheduling conditions	M	1
0620		Segment group 18	C	999
0630	QTY	Quantity	M	1
0640	DTM	Date/time/period	C	2
0650		Segment group 19	C	10
0660	RFF	Reference	M	1
0670	DTM	Date/time/period	C	1

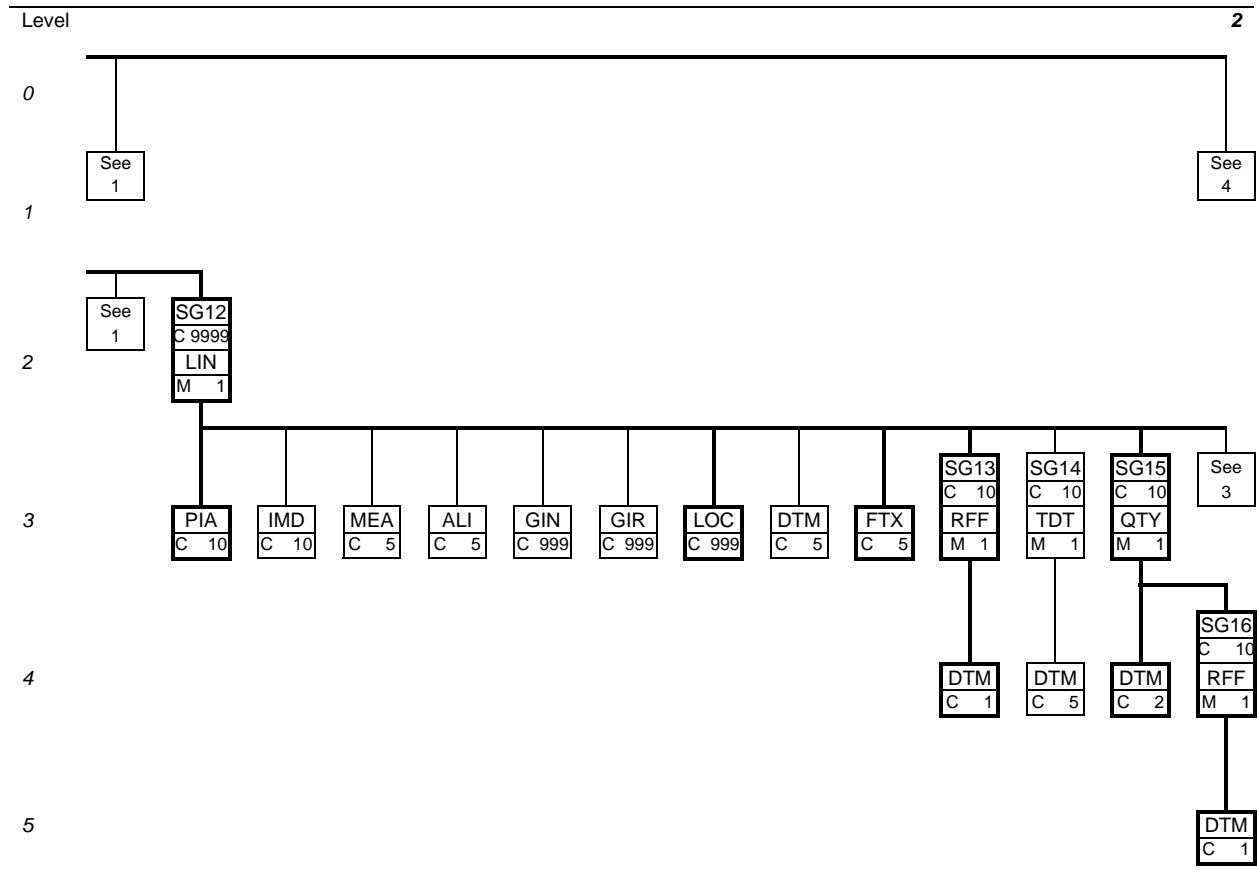
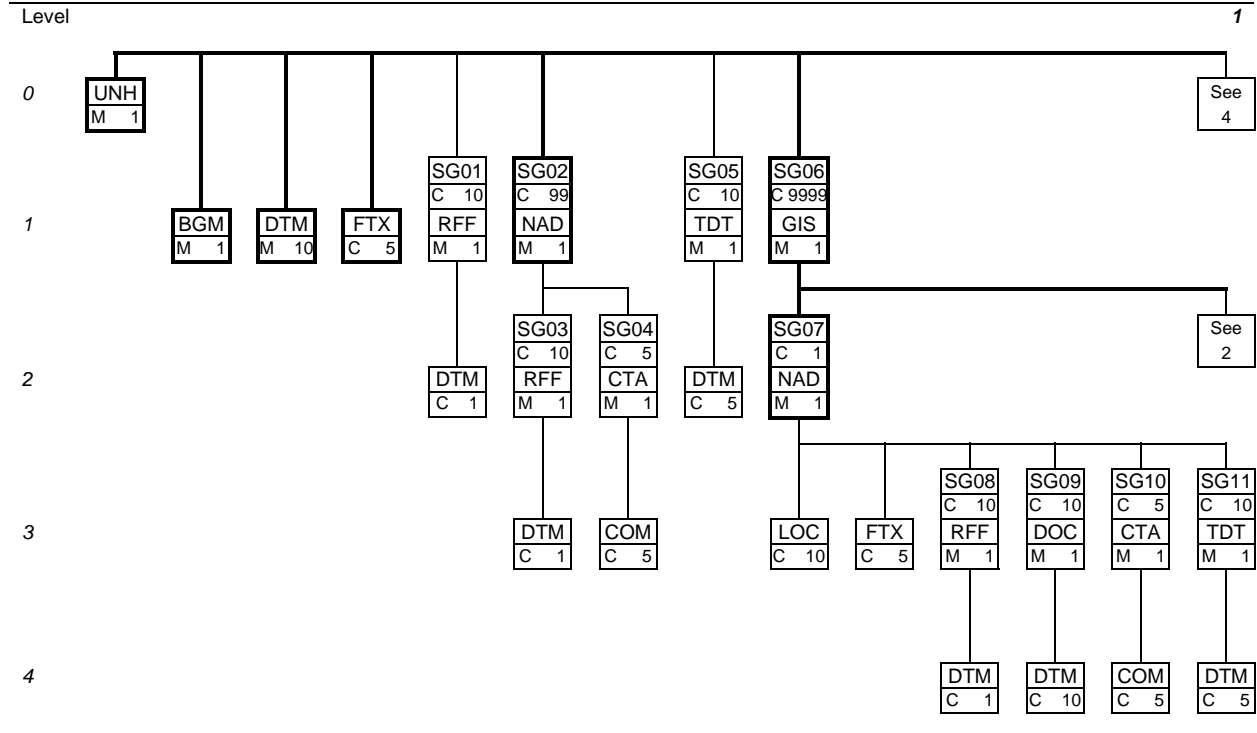
POS.	TAG	NAME	ST	REPEATS
0680		Segment group 20	C	99
0690	PAC	Package	M	1
0700	MEA	Measurements	C	10
0710	QTY	Quantity	C	5
0720	DTM	Date/time/period	C	5
0730		Segment group 21	C	10
0740	PCI	Package identification	M	1
0750	GIN	Goods identity number	C	10
0760		Segment group 22	C	999
0770	NAD	Name and address	M	1
0780	LOC	Place/location identification	C	10
0790	FTX	Free text	C	5
0800		Segment group 23	C	10
0810	DOC	Document/message details	M	1
0820	DTM	Date/time/period	C	1
0830		Segment group 24	C	5
0840	CTA	Contact information	M	1
0850	COM	Communication contact	C	5
0860		Segment group 25	C	10
0870	QTY	Quantity	M	1
0880	DTM	Date/time/period	C	2
0890		Segment group 26	C	10
0900	RFF	Reference	M	1
0910	DTM	Date/time/period	C	1
0920		Segment group 27	M	999
0930	SCC	Scheduling conditions	M	1
0940		Segment group 28	M	999
0950	QTY	Quantity	M	1
0960	DTM	Date/time/period	C	2
0970		Segment group 29	C	10
0980	RFF	Reference	M	1
0990	DTM	Date/time/period	C	1
1000		Segment group 30	C	10
1010	TDT	Details of transport	M	1
1020	DTM	Date/time/period	C	5
1030	UNT	Message trailer	M	1

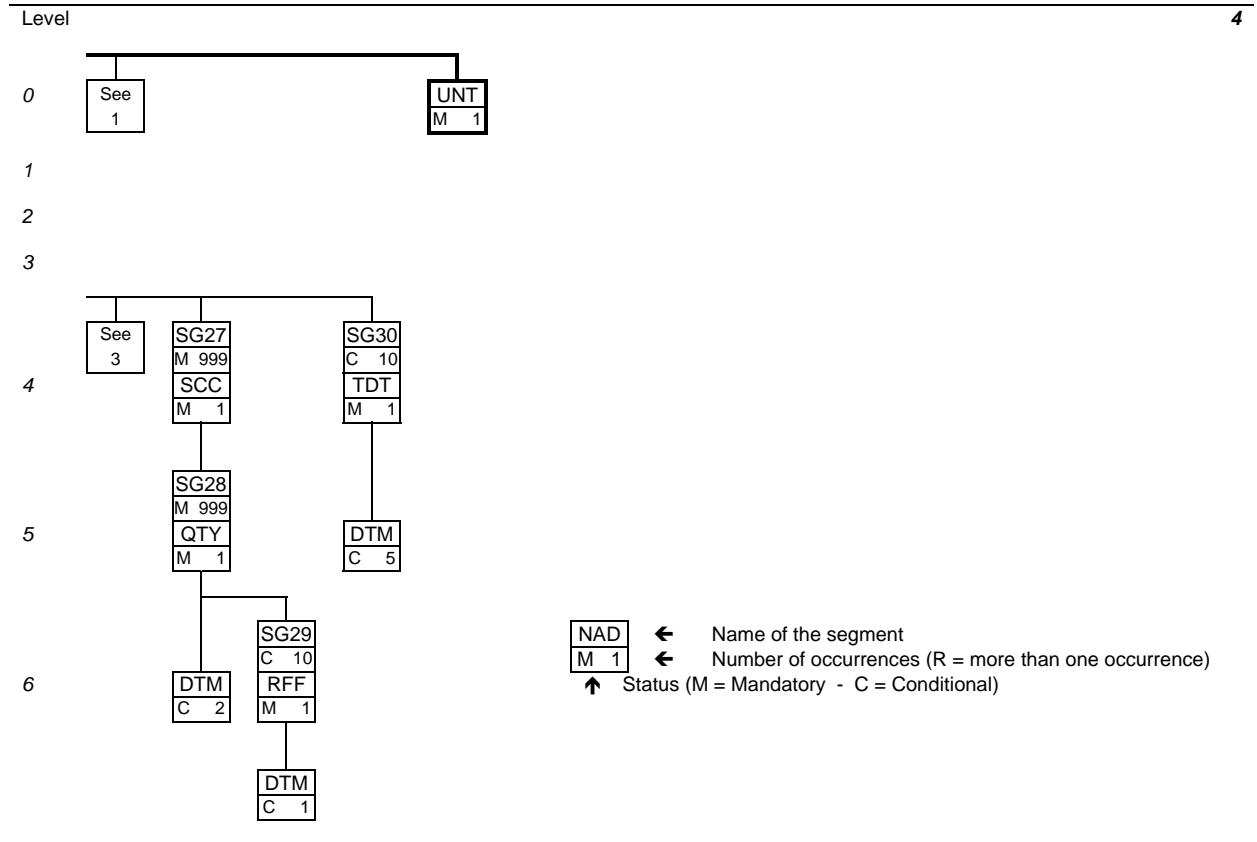
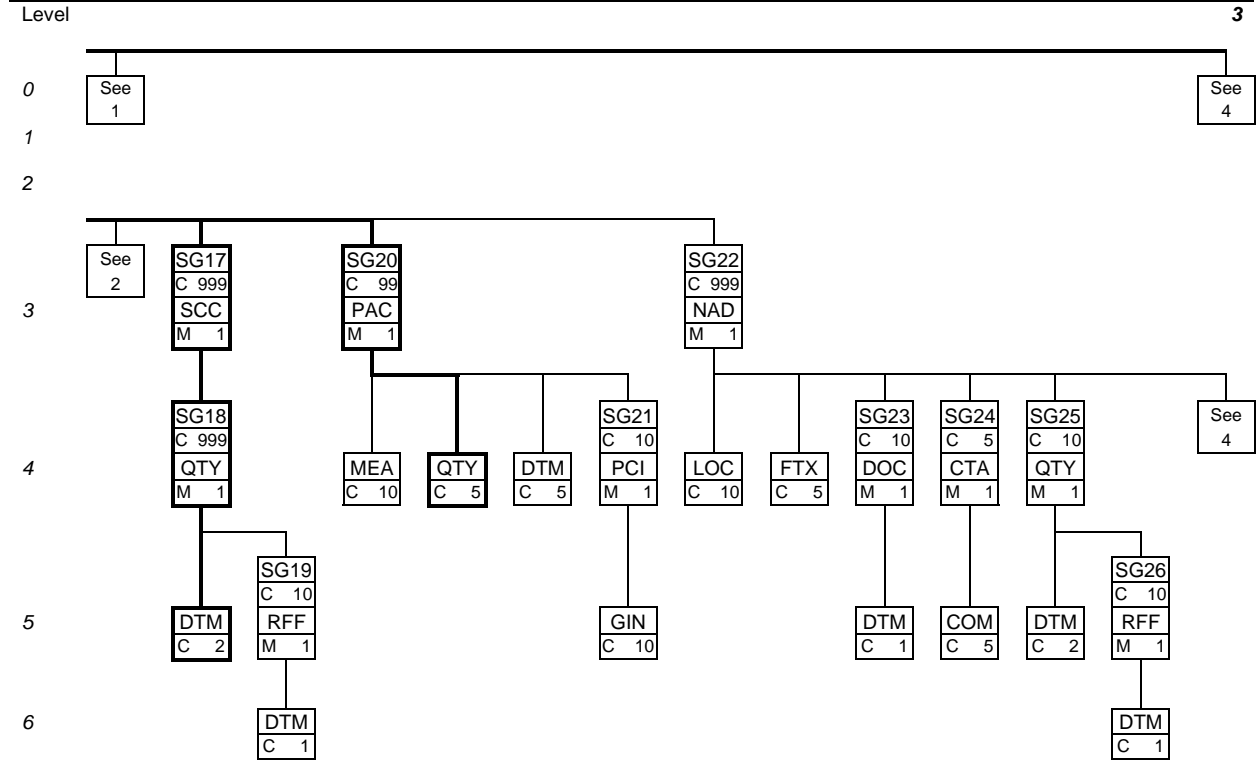
3.3. BRANCHING DIAGRAM

The branching diagram shows the structure of the message. It is a combination of various segments that are organised in a certain hierarchical order.

A segment is a pre-defined set of functionally related values (e.g., segment NAD groups all values that relate to a Party: name - address - etc.)

Each segment within the branching diagram is broken down into one or multiple data elements. Within a segment, only those data elements that contain data must appear.





3.4. MESSAGE STANDARD DESCRIPTION

This section provides the description of the UN Standard Message DELFOR as defined in the 97.A Directory. Only the segments printed in bold are used in the subset defined by GM and will be further explained in section 3.6.

3.4.1 Header section

Information to be provided in the Header section:

0010 UNH, Message header

A service segment starting and uniquely identifying a message. The message type code for the Delivery schedule message is DELFOR.

0020 BGM, Beginning of message

A segment for unique identification of the Delivery schedule message by means of its name and its number and its function (original, replacement, change).

0030 DTM, Date/time/period

The DTM segment shall be specified at least once to identify the Delivery schedule message date. This segment can be included to indicate the beginning and the end date of the schedule.

0040 FTX, Free text

A segment with free text in coded or clear form to give further clarification when required. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

0050 Segment group 1: RFF-DTM

A group of segments giving references relevant to the whole message, e.g. contract number.

0060 RFF, Reference

A segment for giving references to the whole Delivery schedule message, e.g. contract, original message number (AGO), previous message number (ACW), import or export license.

0070 DTM, Date/time/period

Date or time, or date and time of the reference.

0080 Segment group 2: NAD-SG3-SG4

A group of segments identifying parties by their names, addresses, locations, references and contacts relevant to the whole delivery schedule.

0090 NAD, Name and address

A segment for identifying names and addresses and their functions relevant to the whole Delivery schedule. The principal parties for the Delivery schedule message shall be identified. The identification of the recipient of the goods must be given in the NAD segment in the detail section.

0100 Segment group 3: RFF-DTM

A group of segments giving references relevant to the party.

0110 RFF, Reference

A segment giving references related to the party.

0120 DTM, Date/time/period

Date/time/period of the reference.

0130 Segment group 4: CTA-COM

A group of segments to identify person, function, or department and appropriate numbers to whom communication should be directed.

0140 CTA, Contact information

A segment to identify the person, function, or department to whom communication should be directed.

0150 COM, Communication contact

A segment identifying communication types and numbers for the person, function, or department identified in the CTA segment.

0160 Segment group 5: TDT-DTM

A group of segments specifying details of the mode and means of transport, and date/time/period relating to the whole message. This group of segments is used only when the requested mode and means of transport deviates from the norm.

- 0170 TDT, Details of transport
A segment specifying the carriage, and the mode and means of transport.
- 0180 DTM, Date/time/period
A segment indicating the date/time/period details relating to the TDT segment.

3.4.2 Detail section

Information to be provided in the Detail section:

- 0190 Segment group 6: GIS-SG7-SG12**
A group of segments providing details on delivery points and products and related information using one of both scheduling methods.
- 0200 GIS, General indicator**
A segment to indicate which method is used by the relevant processing indicator code.
- 0210 Segment group 7: NAD-LOC-FTX-SG8-SG9-SG10-SG11**
A group of segments needed to identify a delivery point and its attached information when the delivery point method is used.
- 0220 NAD, Name and address**
A segment for identifying the consignee.
- 0230 LOC, Place/location identification
A segment identifying a specific location at the consignee address (e.g. dock, gate,..) to which product, as specified in the LIN-Segment groups, should be delivered.
- 0240 FTX, Free text
A segment with free text in coded or clear form to give further clarification when required. In computer to computer exchanges such text will normally require the receiver to process this segment manually.
- 0250 Segment group 8: RFF-DTM
A group of segments giving references relevant to the consignee.
- 0260 RFF, Reference
A segment giving references related to the consignee.
- 0270 DTM, Date/time/period
Date/time/period of the reference.
- 0280 Segment group 9: DOC-DTM
A group of segments providing information relating to documents required for the consignee.
- 0290 DOC, Document/message details
A segment describing the documents required for the specified consignee.
- 0300 DTM, Date/time/period
Date/time/period of documents required.
- 0310 Segment group 10: CTA-COM
A group of segments to identify a person, function or department at the consignee and appropriate numbers to whom communication should be directed.
- 0320 CTA, Contact information
A segment to identify the person, function, or department to whom communication should be directed.
- 0330 COM, Communication contact
Communication types and numbers for the person, function, or department identified in CTA segment.
- 0340 Segment group 11: TDT-DTM
A group of segments specifying details of the mode and means of transport, and date and/or time of departure and destination relating to specified delivery point.
- 0350 TDT, Details of transport
A segment specifying the carriage, and the mode and means of transport.
- 0360 DTM, Date/time/period
A segment indicating the date/time/period details of departure or arrival relating to the TDT segment.

0370 Segment group 12: LIN-PIA-IMD-MEA-ALI-GIN-GIR-LOC-DTM-FTX-SG13-SG14-SG15-SG17-SG20-SG22

A group of segments providing details of the individual line items for both methods.

0380 LIN, Line item

A segment identifying the details of the product or service to be delivered, e.g. product identification. All other segments in the detail section following the LIN segment refer to the line item.

0390 PIA, Additional product id

A segment providing additional product identification.

0400 IMD, Item description

A segment for describing the product or the service to be delivered.

0410 MEA, Measurements

A segment specifying physical measurements of the item to be delivered in original or unpacked form.

0420 ALI, Additional information

A segment indicating that the line item is subject to special conditions due to origin, customs preference, or commercial factors.

0430 GIN, Goods identity number

A segment providing identity numbers to be applied to the goods to be delivered, e.g. serial numbers.

0440 GIR, Related identification numbers

A segment providing sets of related identification numbers for a line item, e.g. engine number, chassis number and transmission number for a vehicle.

0450 LOC, Place/location identification

A segment identifying a specific location to which products, as specified in the LIN-Segment group, should be placed after delivery. This function should only be used with the delivery point driven method.

0460 DTM, Date/time/period

Date/time/period associated with the line item, such as the date of the engineering change.

0470 FTX, Free text

A segment with free text in coded or clear form to give further clarification, when required, to the line item to be delivered.

0480 Segment group 13: RFF-DTM

A group of segments giving references related to the line item and where necessary, their dates.

0490 RFF, Reference

A segment for identifying references to the line item, e.g. a contract and its appropriate line item, original message number, previous message number if different per line item.

0500 DTM, Date/time/period

Date/time/period of the reference.

0510 Segment group 14: TDT-DTM

A group of segments specifying details of the mode and means of transport, and date/time/period related to the specified transport details.

0520 TDT, Details of transport

A segment specifying the carriage, and the mode and means of transport of the goods for the specified location.

0530 DTM, Date/time/period

A segment indicating the date/time/period details relating to the TDT segment.

0540 Segment group 15: QTY-DTM-SG16

A group of segments specifying product quantities and associated dates not related to schedules and where relevant, references.

0550 QTY, Quantity

A segment to specify pertinent quantities not related to schedule(s) e.g. cumulative quantity, last quantity considered.

0560 DTM, Date/time/period

A segment indicating the date/time/period details relating to the quantity.

0570 Segment group 16: RFF-DTM

A group of segments giving references related to the quantity and where necessary, their date.

0580 RFF, Reference

A segment for identifying reference to the quantity, e.g. despatch advice number.

- 0590 **DTM, Date/time/period**
Date/time/period of the reference.

- 0600 **Segment group 17: SCC-SG18**
A group of segments specifying the schedule information for the product identified in the LIN segment. With the delivery point driven method this segment group provides the schedule for the identified delivery point and product.

- 0610 **SCC, Scheduling conditions**
A segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery pattern.

- 0620 **Segment group 18: QTY-DTM-SG19**
A group of segments specifying product quantities and associated dates.

- 0630 **QTY, Quantity**
A segment to specify scheduled quantities which may be related to schedule(s) and, or pattern established in the following DTM segment, e.g. delivery quantity for a specified date.

- 0640 **DTM, Date/time/period**
A segment indicating date/time/period details relating to the given quantity.

- 0650 **Segment group 19: RFF-DTM**
A group of segments for specifying references associated with the given schedule's quantity and date and where necessary the reference dates.

- 0660 **RFF, Reference**
A segment to provide reference for the given schedule's quantity and date.

- 0670 **DTM, Date/time/period**
Date/time/period of the reference.

- 0680 **Segment group 20: PAC-MEA-QTY-DTM-SG21**
A group of segments identifying the packaging, physical dimensions, and marks and numbers for goods referenced in the line item to be delivered.

- 0690 **PAC, Package**
A segment specifying the number of package units and the type of packaging for the line item, e.g. pallet.

- 0700 **MEA, Measurements**
A segment specifying physical measurements of packages described in the PAC segment, e.g. pallet dimensions.

- 0710 **QTY, Quantity**
A segment to specify pertinent quantities relating to the physical units (packages) described in the PAC segment.

- 0720 **DTM, Date/time/period**
A segment specifying date/time/period details relating to the physical units (packages) described in the PAC segment, e.g. packaging specification date.

- 0730 **Segment group 21: PCI-GIN**
A group of segments identifying markings and labels and if relevant package numbers.

- 0740 **PCI, Package identification**
A segment specifying markings and labels used on individual physical units (packages) described in the PAC segment.

- 0750 **GIN, Goods identity number**
A segment providing identity numbers to be applied to the packages to be delivered.

- 0760 **Segment group 22: NAD-LOC-FTX-SG23-SG24-SG25-SG27-SG30**
A group of segments providing details of the individual delivery points for the given product.

- 0770 **NAD, Name and address**
A segment for identifying names and addresses relevant to the delivery point.

- 0780 **LOC, Place/location identification**
A segment identifying a specific location at the address (e.g. dock, gate,...).

- 0790 **FTX, Free text**
A segment with free text in coded or clear form to give further clarification when required.

- 0800 Segment group 23: DOC-DTM
A group of segments providing information relating to documents required for the delivery point.
- 0810 DOC, Document/message details
A segment providing information relating to the documents required for specified delivery points.
- 0820 DTM, Date/time/period
Date/time/period of documents required.
- 0830 Segment group 24: CTA-COM
A group of segments to identify a person, function or department and appropriate numbers to whom communication should be directed. The information specified in this group is related to the delivery point.
- 0840 CTA, Contact information
A segment to identify the person, function, or department to whom communication should be directed.
- 0850 COM, Communication contact
A segment to identify communication types and numbers for the person, function, or department identified in CTA segment.
- 0860 Segment group 25: QTY-DTM-SG26
A group of segments specifying product quantities and associated dates and where relevant, references relating to the delivery point.
- 0870 QTY, Quantity
A segment to specify pertinent quantities not related to schedule(s) e.g. cumulative quantity, last quantity considered.
- 0880 DTM, Date/time/period
A segment indicating the date/time/period details relating to the given quantity.
- 0890 Segment group 26: RFF-DTM
A group of segments giving references related to the quantity and where necessary, their dates.
- 0900 RFF, Reference
A segment for identifying references to the quantity, e.g. despatch advice number.
- 0910 DTM, Date/time/period
Date/time/period of the reference.
- 0920 Segment group 27: SCC-SG28
A group of segments specifying scheduling information detailing quantities and date for the given delivery point. This segment group also specifies references and their associated dates related to the schedule as required for the delivery point.
- 0930 SCC, Scheduling conditions
A segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery schedule for a weekly pattern.
- 0940 Segment group 28: QTY-DTM-SG29
A group of segments specifying product quantities and associated dates.
- 0950 QTY, Quantity
A segment to specify pertinent quantities which may relate to schedule(s) and/or pattern established in the SCC segment, e.g. delivery quantity for a specified date.
- 0960 DTM, Date/time/period
A segment indicating the date/time/period details relating to the given quantity.
- 0970 Segment group 29: RFF-DTM
A group of segments for specifying references associated with the given schedule and delivery point and where necessary their dates.
- 0980 RFF, Reference
A segment to provide references for the given schedules and dates.
- 0990 DTM, Date/time/period
Date/time/period of the reference.
- 1000 Segment group 30: TDT-DTM
A group of segments specifying details of the mode and means of transport, and date/time/period relating to the delivery point.

- 1010 TDT, Details of transport
A segment specifying the carriage, and the mode and means of transport of the goods for the delivery point.
- 1020 DTM, Date/time/period
A segment indicating the date/time/period relating to the TDT segment.
- 1030 UNT, Message trailer**
A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

3.5. MESSAGE STRUCTURE

The message structure illustrates how the segments will be repeated in the Delivery Forecast message to accommodate the requirements identified by General Motors.

0010.UNH	Start of Delivery Schedule Message
0020.BGM	Message identification
0030-1.DTM	Message generation date
0030-2.DTM	Horizon start date
0030-3.DTM	Horizon end date
0040.FTX	Free Text for complete message
0090-1.NAD	Material release issuer (Buyer)
0090-2.NAD	Supplier identification
0090-3.NAD	Ship from identification (Delivery Part)
0090-4.NAD	Ordered by
0200.GIS	Start of detail section
0220.[GIS].NAD.(1)	Ship to destination #1 identification
0380.[GIS.NAD].LIN	Article-/part number #1 identification
0390.[GIS.NAD.LIN].PIA	Customer part nr / record keeping year / Kanban nr
0400.[GIS.NAD.LIN].IMD	Part release status code/ description
0450-1.[GIS.NAD.LIN].LOC	Receiving dock identification
0450-2.[GIS.NAD.LIN].LOC	Line feed location id. / Material handling code
0470.[GIS.NAD.LIN].FTX	Free text related to article number
0490.[GIS.NAD.LIN].RFF	Purchase order number
0500.[GIS.NAD.LIN.RFF].DTM	Ref. date to the information given in preceding RFF
0550-1.[GIS.NAD.LIN].QTY	Cum. quantity scheduled since start inventory year
0560-1.[GIS.NAD.LIN.QTY].DTM	Start date
0560-2.[GIS.NAD.LIN.QTY].DTM	End date
0550-2.[GIS.NAD.LIN].QTY	Cum. quantity shipped since start inventory year
0560-1.[GIS.NAD.LIN.QTY].DTM	Start date
0560-2.[GIS.NAD.LIN.QTY].DTM	Date last ASN
0550-3.[GIS.NAD.LIN].QTY	Quantity of referenced document
0580.[GIS.NAD.LIN.QTY].RFF	Reference number of document
0590.[GIS.NAD.LIN.QTY.RFF].DTM	Date of referenced document
0610-1.[GIS.NAD.LIN].SCC	Schedule status
0630.[GIS.NAD.LIN.SCC].QTY	Quantity to be delivered week 1
0640.[GIS.NAD.LIN.SCC.QTY].DTM	Date of planned delivery week 1
0630.[GIS.NAD.LIN.SCC].QTY	Quantity to be delivered week 2
0640.[GIS.NAD.LIN.SCC.QTY].DTM	Date of planned delivery week 2
0630.[GIS.NAD.LIN.SCC].QTY	Quantity to be delivered week n
0640.[GIS.NAD.LIN.SCC.QTY].DTM	Date of planned delivery week n
0610-2.[GIS.NAD.LIN].SCC	Authorisation code
0630.[GIS.NAD.LIN.SCC].QTY	Cumulative fabrication authorisation
0640-1.[NAD.LIN.SCC.QTY].DTM	Start date
0640-2.[NAD.LIN.SCC.QTY].DTM	End date
0610-3.[GIS.NAD.LIN].SCC	Authorisation code
0630.[GIS.NAD.LIN.SCC].QTY	Cumulative material authorisation
0640-1.[NAD.LIN.SCC.QTY].DTM	Start date
0640-2.[NAD.LIN.SCC.QTY].DTM	End date
0690.[GIS.NAD.LIN].PAC	Packaging information
0710.[GIS.NAD.LIN.PAC].QTY	Quantity per pack
0380-2.[GIS.NAD].LIN	Article-/part number #2 identification
...	
0380-n.[GIS.NAD].LIN	Article-/part number #n identification
...	
0220-2.[GIS].NAD.(2)	Ship to destination #2 identification
0380-1.[GIS.NAD].LIN	Article-/part number #1 identification
...	
0220-n.[GIS].NAD	Ship to destination #n identification
0380-1.[GIS.NAD].LIN	Article-/part number #1 identification
...	
1030.UNT	End of message

3.6. SERVICE SEGMENTS DESCRIPTION

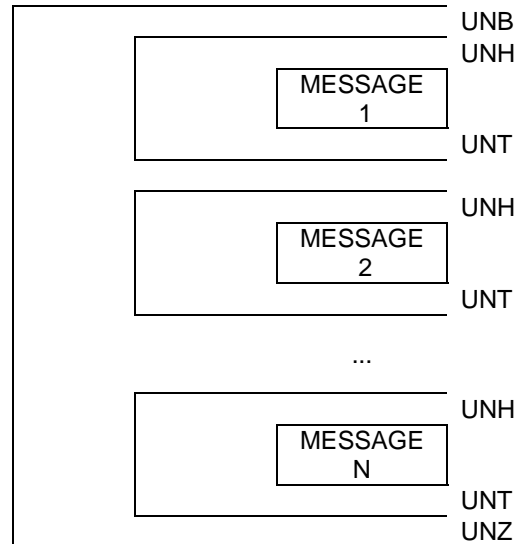
Following service segments are as defined by UN/EDIFACT and presented under ISO 9735.

The UNB, UNH, UNT and UNZ segments are the envelope of any message, enclosing all the data that is being transmitted.

The UNB (Interchange header) and UNZ (Interchange trailer) segments mark respectively the beginning and the end of an interchange thereby providing a unique interchange control reference.

Within the interchange the UNH (message header) and UNT (Message trailer) segments uniquely begin and end the various messages contained in an interchange.

EXAMPLE OF AN INTERCHANGE STRUCTURE



0000 UNB - INTERCHANGE HEADER

Segment Group: none Level: 0
 EDIFACT status: mandatory GM status: mandatory
 Maximum use: 1 per interchange GM occurrences: 1 per interchange
 Function: service segment providing the unique identification of an interchange. It allows the identification of the sender and the receiver of the interchange, gives date and time of preparation as well as the interchange control reference and the application reference.
 GM interchange: see remarks.

Example: **UNB+UNOA:2+MBXNOGM+MBXNOSUPPLIER+970611:0735+12++MGO'**
 A B C D E F G H

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	S001	SYNTAX IDENTIFIER	M			M		"UNOA". Indication of the syntax version used for this message. GM uses EDIFACT syntax version 2
	0001	Syntax identifier	M	a4	:	M	a4	
B	0002	Syntax version number	M	n1	+	M	n1	
C	S002	INTERCHANGE SENDER	M			M		Communication code/mailbox number of the party originating the message. Qualifiers to be determined by trading partner relationship.
	0004	Sender identification	M	an..35	:	M	an..35	
	0007	Identification code qualifier	C	an..4	:	C	an..4	
	0008	Address for Reverse Routing	C	an..14	+			
D	S003	INTERCHANGE RECIPIENT	M			M		Communication code/mailbox number of the party receiving the message. Qualifiers to be determined by trading partner relationship.
	0010	Recipient identification	M	an..35	:	M	an..35	
	0007	Identification code qualifier	C	an..4	:	C	an..4	
	0014	Routing address	C	an..14	+			
E	S004	DATE / TIME OF PREPARATION	M			M		YYMMDD format HHMM format
	0017	Date of preparation	M	n6	:	M	n6	
F	0019	Time of preparation	M	n4	+	M	n4	
G	0020	INTERCHANGE CONTROL REFERENCE	M	an..14	+	M	an..14	For structure of the ICR number used by GM see COMMENTS below. The ICR number is UNIQUE within an inventory year.
	S005	RECIPIENTS REFERENCE PASSWORD	C					
	0022	Recipient's reference / password	M	an..14	:			
	0025	Recipient's reference / password qualifier	C	an2	+			
H	0026	APPLICATION REFERENCE	C	an..14	+	C	an..14	"MGO". See also comments below.
	0029	PROCESSING PRIORITY CODE	C	a1	+			
	0031	ACKNOWLEDGEMENT REQUEST	C	n1	+			
	0032	COMMUNICATIONS AGREEMENT ID	C	an..35	+			
	0035	TEST INDICATOR	C	n1	'			

COMMENTS

0020 - Interchange Control Reference

The Interchange Control Reference number used by General Motors consists of the calendar week followed by a suffix if the Schedule is rerun.

Example:

"12" = schedule issued week 12.

"12A" = first rerun of same schedule.

"12B" = second rerun of same schedule, etc.

0026 - Application Reference

For US suppliers receiving data via a VAN, the GM standard filename will be transmitted.

For European suppliers receiving data via a VAN or via direct links like ISDN or X.25, the filename MGO will be transmitted.

0010 UNH - MESSAGE HEADER

Segment group: none
 EDIFACT status: mandatory.
 Maximum use: 1 per message.
 Function: service segment starting and uniquely identifying a message. The message type code for the Delivery schedule message is DELFOR.
 GM interchange: see remarks.

Level: 0
 GM status: mandatory.
 GM occurrences: 1 per message.

Example: **UNH+1+DELFOR:D:97A:UN'**
 A B C D E

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION			
		NAME	ST	FT	SP	ST	FT	REMARKS	
A	0062	MESSAGE REFERENCE NUMBER	M	an..14	+	M	an..14	Message Control number assigned by the sender to the message. See comments below.	
B	S009	MESSAGE IDENTIFIER	M			M		"DELFOR". "D". "97A". "UN".	
C	0065	Message type	M	an..6	:	M	an..6		
D	0052	Message version number	M	an..3	:	M	an..3		
E	0054	Message release number	M	an..3	:	M	an..3		
	0051	Controlling agency	M	an..2	:	M	an..2		
	0057	Association assigned code	C	an..6	+				
	0068	COMMON ACCESS REFERENCE	C	an..35	+				
	S010	STATUS OF TRANSFER	C						
	0070	Sequence of transfer	M	n..2	:				
	0073	First and last transfer	C	a1	:				

COMMENTS

0062 - Message Reference Number

The Message Reference number used by General Motors is structured as follows:

First message: 1
 Second message: 2
 Up to: 9999

1040 UNZ - INTERCHANGE TRAILER

Segment Group: none Level: 0
 EDIFACT status: mandatory GM status: mandatory
 Maximum use: 1 GM occurrences: 1 per interchange
 Function: service segment ending an interchange and giving the number of messages contained in the interchange as well as the Interchange Control Reference number.
 GM interchange: see remarks.
 Example: **UNZ+1+12'**
 A B

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		
		NAME	ST	FT	SP	ST	FT	REMARKS
A	0036	INTERCHANGE CONTROL COUNT	M	n..6	+	M	n..6	Number of messages in an interchange.
B	0020	INTERCHANGE CONTROL REFERENCE	M	an..14	'	M	an..14	Value must be the same as 0020 - Interchange Control Reference in UNB.

3.7. DATA SEGMENTS DESCRIPTION

This part includes only the segments defined in the standard and used in the subset exchanged between GM and its Trading Partners. The segments are described in the same sequence as they appear in the message.

The EDIFACT DELFOR segments that are not used in the subset used by GM are included in alphabetical sequence under item 3.9.

0020 BGM - BEGINNING OF MESSAGE

Segment group: none
 EDIFACT status: mandatory
 Maximum use: 1 per message
 Function: segment for the unique identification of the delivery schedule document, by means of its name and its number.
 GM interchange: see remarks.
 Level: 1
 GM status: mandatory
 GM occurrences: 1 per message
 Example: **BGM+241::PS+12+5'**
 A B C D

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		
		NAME	ST	FT	SP	ST	FT	REMARKS
A	C002	<i>DOCUMENT/MESSAGE NAME</i>	C			C		"241" = Delivery Schedule. This means that the quantities must be planned for shipment during the week indicated. Actual shipping authorisation will be provided by a DELJIT message.
	1001	Document/message name, coded	C	an..3	:	M	an..3	
B	1131	Code list qualifier	C	an..3	:			"PS" = Planned Shipment Based - no authorisation to ship.
	3055	Code list responsible agency, coded	C	an..3	:			
	1000	Document/message name	C	an..35	+	C	an..35	
C	C106	<i>DOCUMENT/MESSAGE IDENTIFICATION</i>	C					GM assigned release number. Number consists of the calendar week followed by a suffix if the schedule is rerun. E.g.: "12" = schedule issued week 12. "12A" = first rerun of same schedule. "12B" = second rerun of same schedule, etc.
	1004	Document/message number	C	an..35	:	M	an..35	
	1056	Version	C	an..9	:			
	1060	Revision number	C	an..6	+			
D	1225	MESSAGE FUNCTION, CODED	C	an..3	+	M	an..3	Function of the message. For code value see below.
	4343	RESPONSE TYPE, CODED	C	an..3	'			

CODE VALUES

1225 - Message Function, coded

- 4 Change
Message contains items that must be changed in a previous message
- 5 Replace
This schedule replaces the previous schedule.

0030 DTM - DATE/TIME/PERIOD

Segment group: none Level: 1
 EDIFACT status: mandatory GM status: mandatory
 Maximum use: 10 per message at level 1 GM occurrences: max. 3 per message
 Function: segment specifying the date, and when relevant, the time/period of the beginning and ending of the validity period of the document. The DTM must be specified at least once to identify the Delivery Schedule document date.
 GM interchange: there may be up to 3 occurrences of DTM in position 0030: one to specify the message issue date, one to specify the horizon start date and one for the horizon end date.

Example: **DTM+137:19970611:102'** [document generation]
DTM+158:19970616:102' [horizon start]
DTM+159:19971103:102' [horizon end]
 A B C

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

Document generation date.

	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"137" = Document message date/time.
B	2380	Date/time/period	C	an..35	:	M	an..35	Actual issue date of the document.
C	2379	Date/time/period format qualifier	C	an..3	"	M	an..3	"102" = CCYYMMDD.

Horizon start date.

	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"158" = Horizon start date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Start date of planning horizon.
C	2379	Date/time/period format qualifier	C	an..3	"	M	an..3	"102" = CCYYMMDD.

Horizon end date.

	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"159" = Horizon end date.
B	2380	Date/time/period	C	an..35	:	M	an..35	End date of planning horizon.
C	2379	Date/time/period format qualifier	C	an..3	"	M	an..3	"102" = CCYYMMDD.

0040 FTX - FREE TEXT

Segment group: none Level: 1
 EDIFACT status: conditional GM status: conditional
 Maximum use: 5 per message GM occurrences: max. 5 per message
 Function: segment with free text in coded or clear form to give further clarification when required.
 GM interchange: see remarks.

Example: **FTX+AAI+++TEXT:TEXT:TEXT'**
 A B C D

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		
		NAME	ST	FT	SP	ST	FT	REMARKS
A	4451	TEXT SUBJECT QUALIFIER	M	an..3	+	M	an..3	"AAI" = General information.
	4453	TEXT FUNCTION, CODED	C	an..3	+			
	C107	TEXT REFERENCE	C					
	4441	Free text identification	M	an..17	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
	C108	TEXT LITERAL	C			C		
B	4440	Free text	M	an..70	:	M	an..70	Textual information
C	4440	Free text	C	an..70	:	M	an..70	Textual information
D	4440	Free text	C	an..70	:	C	an..70	Textual information
	4440	Free text	C	an..70	:			
	4440	Free text	C	an..70	+			
	3453	LANGUAGE, CODED	C	an..3	'			

Segment group 2: NAD-SG3-SG4

Segment group: 2 [SG2] Level: 1
 EDIFACT status: conditional GM status: conditional
 Maximum use: 99 per message at level 1 GM occurrences: max. 4 per message
 Function: group of segments identifying names, addresses, locations, and contacts relevant to the whole Delivery Schedule.
 GM interchange: see segment description.

0090 NAD - NAME AND ADDRESS

Segment group: 2 [NAD] Level: 1
 EDIFACT status: mandatory if segment group 2 is used GM status: mandatory
 Maximum use: 1 per segment group 2 (max. 99) GM occurrences: 1 per segment group 2
 Function: segment for identifying names and addresses and their functions relevant for the whole Delivery Schedule. Identification of the seller and buyer parties is recommended for the Delivery Schedule message. Exception: the identification of the recipient of the goods must be given in the detail section.
 GM interchange: the message may contain maximum 4 NAD's in position 0090 as detailed below. GM will always transmit the 2 first occurrences and may, in some cases, also send the 3rd and/or 4th occurrence.

Example: **NAD+SU+084559798::16'** [Supplier]
NAD+MI+88122 ::92' [Material issuer]
NAD+SF+123456789::16' [**Ship From**]
NAD+OB+9999 ::92++ORIGINATING ENTITY' [Ordered by]
 A B C D

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

Supplier.

A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"SU" = Supplier.
	C082	PARTY IDENTIFICATION DETAILS	C			M		
B	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the supplier.
	1131	Code list qualifier	C	an..3	:			
C	3055	Code list responsible agency, coded	C	an..3	+	M	an..3	For code value see below.
	C058	NAME AND ADDRESS	C					
	3124	Name and address line	M	an..35	:			
	3124	Name and address line	C	an..35	:			
	3124	Name and address line	C	an..35	:			
	3124	Name and address line	C	an..35	:			
	3124	Name and address line	C	an..35	+			
D	C080	PARTY NAME	C			C		
	3036	Party name	M	an..35	:	M	an..35	Name of the party. Not always transmitted.
	3036	Party name	C	an..35	:			
	3036	Party name	C	an..35	:			
	3036	Party name	C	an..35	:			
	3036	Party name	C	an..35	:			
	3045	Party name format, coded	C	an..3	+			
	C059	STREET	C					
	3042	Street and number/p.o. box	M	an..35	:			
	3042	Street and number/p.o. box	C	an..35	:			
	3042	Street and number/p.o. box	C	an..35	:			
	3042	Street and number/p.o. box	C	an..35	+			
	3164	CITY NAME	C	an..35	+			
	3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	+			
	3251	POSTCODE IDENTIFICATION	C	an..9	+			
	3207	COUNTRY, CODED	C	an..3	"			

0090 NAD - CONTINUED

Planning schedule/material release issuer (buyer).

A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"MI" = Material issuer.
	C082	PARTY IDENTIFICATION DETAILS	C			M		
B	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the issuer of the planning schedule. For code values see below.
	1131	Code list qualifier	C	an..3	:			
C	3055	Code list responsible agency, coded	C	an..3	+	M	an..3	For code value see below.
	C058	NAME AND ADDRESS	C					
	C080	PARTY NAME	C			C		
D	3036	Party name	M	an..35	:	M	an..35	Name of the party. Not always transmitted.
REST OF SEGMENT NOT USED.								

Ship From Location (only used when this is different from SU)

A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"SF" = Ship From
	C082	PARTY IDENTIFICATION DETAILS	C			M		
B	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the ship from location.
	1131	Code list qualifier	C	an..3	:			
C	3055	Code list responsible agency, coded	C	an..3	+	M	an..3	For code value see below.
	C058	NAME AND ADDRESS	C					
	C080	PARTY NAME	C			C		
D	3036	Party name	M	an..35	:	M	an..35	Name of the party. Not always transmitted.
REST OF SEGMENT NOT USED.								

Ordered by (only used for Ship Direct).

A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"OB" = Ordered by.
	C082	PARTY IDENTIFICATION DETAILS	C			M		
B	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the ordering party.
	1131	Code list qualifier	C	an..3	:			
C	3055	Code list responsible agency, coded	C	an..3	+	M	an..3	For code value see below.
	C058	NAME AND ADDRESS	C					
	C080	PARTY NAME	C			C		
D	3036	Party name	M	an..35	:	M	an..35	Name of the party. Not always transmitted.
REST OF SEGMENT NOT USED.								

CODE VALUES

3039 - Party Id. Identification

Individual notification by the implementing plant.

3055 - Code List Responsible Agency, coded

- 16 DUN & Bradstreet (DUNS) - (currently used by GM with 9 digits)
- 92 Assigned by buyer

Segment group 6: GIS-SG7-SG12

Segment group: 6 [SG6] Level: 1
 EDIFACT status: conditional GM status: conditional
 Maximum use: 9999 per message GM occurrences: max. 9999 per message
 Function: group of segments providing details on delivery points and products and related information using one of both scheduling methods.
 GM interchange: see segment description.

0200 GIS - GENERAL INDICATOR

Segment group: 6 [GIS] Level: 1
 EDIFACT status: mandatory if segment group 6 is used GM status: mandatory
 Maximum use: 1 per segment group 6 GM occurrences: 1 per segment group 6
 Function: segment to indicate which method is used by the relevant processing indicator code.
 GM interchange: see remarks.
 Example: **GIS+37'**
 A

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	C529	PROCESSING INDICATOR	M			M		
	7365	Processing indicator, coded	M	an..3	:	M	an..3	For code value see below.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3				
	7187	Process type identification	C	an..17	'			

CODE VALUES

7365 - Processing indicator, coded
 37 Complete information

Segment group 7: NAD-LOC-FTX-SG8-SG9-SG10-SG11

Segment group: 7 [GIS.SG7] Level: 2
 EDIFACT status: conditional GM status: conditional
 Maximum use: 1 per segment group 6 GM occurrences: 1 per segment group 6
 Function: group of segments needed to identify a delivery point and its attached information when the delivery point method is used
 GM interchange: see segment description.

0220 NAD - NAME AND ADDRESS

Segment group: 7 [GIS.NAD] Level: 2
 EDIFACT status: mandatory if segment group 7 is used GM status: mandatory
 Maximum use: 1 per segment group 7 GM occurrences: 1 per segment group 7
 Function: segment for identifying names and addresses and their functions relevant to the delivery point. All other segments in this segment group 7 following the NAD segment refer to that delivery point.
 GM interchange: see remarks.

Example: **NAD+ST+72443::92'**
 A B C

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION			
		NAME	ST	FT	SP	ST	FT	REMARKS	
A	3035	PARTY QUALIFIER	M	an..3	+	M	an..3	"ST" = Ship To.	
B	C082	PARTY IDENTIFICATION DETAILS	C			M			
	3039	Party id. Identification	M	an..35	:	M	an..35	Code identifying the plant where the material must be delivered. For code value see below.	
C	1131	Code list qualifier	C	an..3	:				
	3055	Code list responsible agency, coded	C	an..3	+	M	an..3	For code value see below.	
	C058	NAME AND ADDRESS	C						
	3124	Name and address line	M	an..35	:				
	3124	Name and address line	C	an..35	:				
	3124	Name and address line	C	an..35	:				
	3124	Name and address line	C	an..35	:				
	3124	Name and address line	C	an..35	+				
	C080	PARTY NAME	C			C			
	3036	Party name	M	an..35	:	M	an..35	Name of the party. Not always transmitted.	
	3036	Party name	C	an..35	:				
	3036	Party name	C	an..35	:				
	3036	Party name	C	an..35	:				
	3036	Party name	C	an..35	:				
	3045	Party name format, coded	C	an..3	+				
	C059	STREET	C						
	3042	Street and number/p.o. box	M	an..35	:				
	3042	Street and number/p.o. box	C	an..35	:				
	3042	Street and number/p.o. box	C	an..35	:				
	3042	Street and number/p.o. box	C	an..35	+				
	3164	CITY NAME	C	an..35	+				
	3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	+				
	3251	POSTCODE IDENTIFICATION	C	an..9	+				
	3207	COUNTRY, CODED	C	an..3	"				

CODE VALUES

3039 - Party Id. Identification

"The Code value for the Ship/To Transmitted Id for all GM Plants , WorldWide can be obtained from the GM Web site (GMSUPPLYPOWER – Material Library - Contacts)
 "For GME suppliers the plant identification values, codes, may be found on the following Web site -
<https://www.gmsupplypower.com/apps/supplypower/NASApp/spcds/CDSRetrieval?lob=material&subnav=library&togglefolder=166>

3055 - Code List Responsible Agency, coded

16 DUN & Bradstreet (DUNS)
 92 Assigned by buyer

Segment group 12: LIN-PIA-IMD-MEA-ALI-GIN-GIR-LOC-DTM-FTX-SG13-SG14-SG15-SG17-SG20-SG22

Segment group: 12 [GIS.SG12] Level: 2
 EDIFACT status: conditional GM status: conditional
 Maximum use: 9999 per GIS in segment group 06 GM occurrences: max. 9999 per SG6
 Function: group of segments providing details of the individual line items for the specified delivery point.
 GM interchange: see segment description.

0380 LIN - LINE ITEM

Segment group: 12 [GIS.LIN] Level: 2
 EDIFACT status: mandatory if segment group 12 is used GM status: mandatory
 Maximum use: 1 per segment group 12 (max. 9999 per GIS) GM occurrences: 1 per segment group 12
 Function: segment identifying the details of the product or service to be delivered, e.g. product identification. All other segments in the detail section following the LIN segment refer to the line item.
 GM interchange: see remarks.

Example: **LIN+++12345678:IN'**
 A B

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		
		NAME	ST	FT	SP	ST	FT	REMARKS
	1082	LINE ITEM NUMBER	C	n..6	+			
	1229	ACTION REQUEST/ NOTIFICATION, CODED	C	an..3	+			
A	C212	ITEM NUMBER IDENTIFICATION	C			M		GM assigned 8 digit part number. ShipDirect might require more than 8 digit part number
	7140	Item number	C	an..35	:	M	an..35	
B	7143	Item number type, coded	C	an..3	:	M	an..3	"IN" = Buyer's item number.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
	C829	SUB-LINE INFORMATION	C					
	5495	Sub-line indicator, coded	C	an..3	:			
	1082	Line item number	C	an..6	+			
	1222	CONFIGURATION LEVEL	C	n..2	+			
	7083	CONFIGURATION, CODED	C	an..3	'			

0390 PIA - ADDITIONAL PRODUCT ID

Segment group: 12 [GIS.LIN.PIA] Level: 3
 EDIFACT status: conditional GM status: conditional
 Maximum use: 10 per LIN in segment group 12 GM occurrences: 1 per segment group 12
 Function: segment providing additional product identification.
 GM interchange: see remarks.

Example: **PIA+1+7:RY+12345678:UA+1234:MP'**
 A B C D E F G

REF	TAG	EDIFACT STANDARD DEFINITION			GM IMPLEMENTATION			
		NAME	ST	FT	SP	ST	FT	REMARKS
A	4347	PRODUCT ID. FUNCTION QUALIFIER	M	an..3	+	M	an..3	"1" = Additional identification
B	C212	ITEM NUMBER IDENTIFICATION	M			M		
	7140	Item number	C	an..35	:	C	an..35	Identification of the model year: e.g. 7 = 97; 8 = 98, etc.
								"RY" = Record keeping of model year.
C	7143	Item number type, coded	C	an..3	:	C	an..3	
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
D	C212	ITEM NUMBER IDENTIFICATION	C			C		
	7140	Item number	C	an..35	:	C	an..35	If used entry is customer part number.
	7143	Item number type, coded	C	an..3	:	C	an..3	"UA" = Ultimate customer's part number. (Only used for Ship Direct)
E	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
F	C212	ITEM NUMBER IDENTIFICATION	C					
	7140	Item number	C	an..35	:	C	an..35	If used entry is GME Kanban number.
	7143	Item number type, coded	C	an..3	:	C	an..3	"MP" = Product/Service identification number.
G	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
	C212	ITEM NUMBER IDENTIFICATION	C					
	7140	Item number	C	an..35	:			
	7143	Item number type, coded	C	an..3	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
	C212	ITEM NUMBER IDENTIFICATION	C					
	7140	Item number	C	an..35	:			
	7143	Item number type, coded	C	an..3	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			

0450 LOC - PLACE/LOCATION IDENTIFICATION

Segment group: 12 [GIS.LIN.LOC] Level: 3
 EDIFACT status: conditional GM status: conditional
 Maximum use: 999 per LIN in segment group 12 GM occurrences: max. 2 per segment group 12
 Function: segment identifying a specific location to which products, as specified in the LIN-Segment group, should be delivered.
 GM interchange: see remarks.

Example: **LOC+11 +A1A2A'** [Receiving dock]
LOC+159+A1A2A3A4' [Material handling code]
 A B

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

Receiving dock identification.

A	3227	PLACE/LOCATION QUALIFIER	M	an..3	+	M	an..3	"11" = Place/port of discharge.
	C517	LOCATION IDENTIFICATION	C			C		
B	3225	Place/location identification	C	an..25	:	C	an..25	Code identifying the receiving dock at the plant.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	3224	Place/location	C	an..70	+			
	C519	RELATED LOCATION ONE ID.	C					
	3223	Related place/location one Id.	C	an..25	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	3222	Related place/location one	C	an..70	+			
	C553	RELATED LOCATION TWO ID.	C					
	3233	Related place/location two Id.	C	an..25	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	3232	Related place/location two	C	an..70	+			
	5479	RELATION, CODED	C	an..3	'			

Line feed location identification / Material Handling Code.

A	3227	PLACE/LOCATION QUALIFIER	M	an..3	+	M	an..3	"159" = Additional internal destination.
	C517	LOCATION IDENTIFICATION	C			C		
B	3225	Place/location identification	C	an..25	:	C	an..25	Code identifying either the assembly line feed location at the plant or the material handling code.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	3224	Place/location	C	an..70	+			
REST OF SEGMENT NOT USED.								

0470 FTX - FREE TEXT

Segment group: 12 (GIS.LIN.LOC) Level: 3
 EDIFACT status: conditional GM status: conditional
 Maximum use: 5 per LIN in segment group 12 GM occurrences: max. 1 per segment group 12
 Function: segment with free text in coded or clear form to give further clarification when required.
 GM interchange: see remarks

Example: **FTX+AAI+++TEXT'**
 A B

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		
		NAME	ST	FT	SP	ST	FT	REMARKS
A	4451	TEXT SUBJECT QUALIFIER	M	an..3	+	M	an..3	"AAI" = General information.
	4453	TEXT FUNCTION, CODED	C	an..3	+			
	C107	TEXT REFERENCE	C					
	4441	Free text identification	M	an..17	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	+			
B	C108	TEXT LITERAL	C			C		
	4440	Free text	M	an..70	:	M	an..70	Textual information.
	4440	Free text	C	an..70	:			
	4440	Free text	C	an..70	:			
	4440	Free text	C	an..70	:			
	4440	Free text	C	an..70	+			
	3453	LANGUAGE, CODED	C	an..3	'			

Segment group 13: RFF-DTM

Segment group: 13 [GIS.LIN.SG13] Level: 3
 EDIFACT status: conditional GM status: conditional
 Maximum use: 10 per LIN in segment group 12 GM occurrences: 1 per segment group 12
 Function: group of segments giving references related to the line item and where necessary, their dates.
 GM interchange: see segment description.

0490 RFF - REFERENCE

Segment group: 13 [GIS.LIN.RFF] Level: 3
 EDIFACT status: mandatory if segment group 13 is used GM status: mandatory
 Maximum use: 1 per segment group 13 (max. 10) GM occurrences: 1 per segment group 13
 Function: segment for identifying documents relating to the line item, e.g. a contract and its appropriate line item.
 GM interchange: see remarks.

Example: **RFF+ON:A1A2A3A4A'**
 A B

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C506	REFERENCE	M			M		
A	1153	Reference qualifier	M	an..3	:	M	an..3	"ON" = Order number. Number of the Purchase Order relevant for the article defined in the preceding LIN.
B	1154	Reference number	C	an..35	:	C	an..35	
	1156	Line number	C	an..6	:			
	4000	Reference version number	C	an..35	'			

0500 DTM - DATE/TIME/PERIOD

Segment group: 13 [GIS.LIN.RFF.DTM] Level: 4
 EDIFACT status: conditional GM status: conditional
 Maximum use: 1 per RFF GM occurrences: not used
 Function: segment providing the date/time/period of the reference.
 GM interchange: **this segment will only be used in AMK message.**

Example:

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		
		NAME	ST	FT	SP	ST	FT	REMARKS
	C507	DATE/TIME/PERIOD	M					
	2005	Date/time/period qualifier	M	an..3	:			
	2380	Date/time/period	C	an..35	:			
	2379	Date/time/period format qualifier	C	an..3	'			

Use of segment groups 15 and 17 in message from GM

Segment groups 15 and 17 are used to provide 6 different kinds of quantity information, i.e.:

CALCULATION INFORMATION

cumulative quantity scheduled since start of inventory year	[qualifier 6063 = 79]	SG15
cumulative quantity shipped since start of inventory year	[qualifier 6063 = 3]	SG15

REQUIREMENTS INFORMATION

quantity to be delivered	[qualifier 6063 = 1]	SG17
--------------------------	----------------------	------

AUTHORISATION INFORMATION

cumulative fabrication authorisation	[qualifier 6063 = 3]	SG17
cumulative material authorisation	[qualifier 6063 = 3]	SG17

Each use of segment group 15 and 17 is described separately in the following pages.

CALCULATION INFORMATION

Segment group 15: QTY-DTM-SG16

Segment group: 15 [GIS.LIN.SG15] Level: 3
 EDIFACT status: conditional GM status: conditional
 Maximum use: 10 per LIN in segment group 12 GM occurrences: max.10 per segment group 12
 Function: group of segments specifying product quantities and associated dates not related to schedules and where relevant references.
 GM interchange: see description of different occurrences of segment group 15.

SEGMENT GROUP 15 CUMULATIVE QUANTITY REQUIRED *(scheduled since accumulation start date)*

0550.[GIS.LIN].QTY

0560.[GIS.LIN.QTY].DTM

0560.[GIS.LIN.QTY].DTM

Cumulative quantity scheduled since start of inventory year

Cumulative calculation period start date

Cumulative calculation period end date

0550 QTY - QUANTITY

Segment group: 15 [GIS.LIN.QTY] Level: 3
 EDIFACT status: mandatory when segment group 15 is used GM status: mandatory
 Maximum use: 1 per segment group 15 (max. 10) GM occurrences: 1 per segment group 15
 Function: segment to specify pertinent quantities not related to schedule(s), e.g. cumulative quantity, last quantity considered.
 GM interchange: see description of different occurrences of segment group 15.

Example: **QTY+79:99999:C62'**
A B C

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		
		NAME	ST	FT	SP	ST	FT	REMARKS
	C186	QUANTITY DETAILS	M			M		
A	6063	Quantity qualifier	M	an..3	:	M	an..3	"79" = Previous cumulative quantity. Cumulative quantity scheduled since start of inventory year.
B	6060	Quantity	M	n..15	:	M	n..15	
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	For code value see UN/ECE Recommendation No. 20.

0560 DTM - DATE/TIME/PERIOD

Segment group: 15 [GIS.LIN.QTY.DTM] Level: 4
 EDIFACT status: conditional GM status: conditional
 Maximum use: 2 per QTY GM occurrences: max. 2 per segment group 15
 Function: segment providing the date/time/period of the reference.
 GM interchange: see remarks.

Example: **DTM+51:19970101:102'** [Start date]
DTM+52:19970701:102' [End date]
 A B C

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

Start date

	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"51" = Cumulative quantity, start date.
B	2380	Date/time/period	C	an..35	:	C	an..35	Start date of cumulative quantity calculation.
C	2379	Date/time/period format qualifier	C	an..3	'	C	an..3	"102" = CCYYMMDD.

End date

	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"52" = Cumulative quantity, end date.
B	2380	Date/time/period	C	an..35	:	C	an..35	End date of cumulative quantity calculation
C	2379	Date/time/period format qualifier	C	an..3	'	C	an..3	"102" = CCYYMMDD.

SEGMENT GROUP 15
CUMULATIVE QUANTITY SHIPPED YEAR TO DATE

0550.[GIS.LIN].QTY
0560.[GIS.LIN.QTY].DTM
0560.[GIS.LIN.QTY].DTM

Cumulative quantity shipped since start of inventory year
 Cumulative calculation period start date
 Date of last ASN

0550 QTY - QUANTITY

Description: see quantity information 1.

Example: **QTY+3:99999:C62**
 A B C

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C186	QUANTITY DETAILS	M			M		
A	6063	Quantity qualifier	M	an..3	:	M	an..3	"3" Actual cumulative quantity shipped. Cumulative quantity of the part identified in the preceding LIN, shipped since start of inventory year by this supplier to this plant. For code value see UN/ECE Recommendation No. 20.
B	6060	Quantity	M	n..15	:	M	n..15	
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	

0560 DTM - DATE/TIME/PERIOD

Description: see quantity information 1.

Example: **DTM+51:19970101:102'** [Start date]
DTM+11:19970910:102' [Last recorded shipment date]
 A B C

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

Start date

	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"51" = Cumulative quantity, start date. Start date of cumulative quantity calculation. "102" = CCYYMMDD.
B	2380	Date/time/period	C	an..35	:	C	an..35	
C	2379	Date/time/period format qualifier	C	an..3	'	C	an..3	

Last recorded shipment date

	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"11" = Despatch Date/Time. Date of the last ASN received for this part. In case there is no ASN the Receiving System's date will be inserted. "102" = CCYYMMDD.
B	2380	Date/time/period	C	an..35	:	C	an..35	
C	2379	Date/time/period format qualifier	C	an..3	'	C	an..3	

SEGMENT GROUP 15	REFERENCE INFORMATION
-------------------------	------------------------------

0550 .[GIS.LIN]. QTY	Quantity of the referenced message
0570 .[GIS.LIN.QTY.SG16]. RFF	Identifying number of referenced message
0580 .[GIS.LIN.QTY.SG16]. DTM	Date of last referenced message

GM interchange: this information will only be used in AMK message.

0550 QTY - QUANTITY

Description: see quantity information 1.

Example:

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C186	QUANTITY DETAILS	M					
	6063	Quantity qualifier	M	an..3	:			
	6060	Quantity	M	n..15	:			
	6411	Measure unit qualifier	C	an..3	'			

Segment group 16: RFF-DTM

Segment group:	16 [GIS.LIN.QTY.SG16]	Level:	4
EDIFACT status:	conditional	GM status:	conditional
Maximum use:	10 per QTY in segment group 15	GM occurrences:	not used
Function:	group of segments giving references related to the quantity and where necessary, their dates.		
GM interchange:	see segment description.		

0580 RFF - REFERENCE

Segment group:	16 [GIS.LIN.QTY.RFF]	Level:	4
EDIFACT status:	mandatory if segment group 16 is used	GM status:	conditional
Maximum use:	1 per segment group 16 (max. 10)	GM occurrences:	not used
Function:	segment for identifying reference to the quantity, e.g. despatch advice number.		
GM interchange:	see segment group description.		

Example:

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C506	REFERENCE	M					
	1153	Reference qualifier	M	an..3	:			
	1154	Reference number	C	an..35	:			
	1156	Line number	C	an..6	:			
	4000	Reference version number	C	an..35	:			

0580 DTM - DATE/TIME/PERIOD

Segment group: 16 [GIS.LIN.QTY.RFF.DTM] Level: 5
 EDIFACT status: conditional GM status: conditional
 Maximum use: 1 per RFF GM occurrences: not used
 Function: segment providing the date/time/period of the reference.
 GM interchange: see segment group description.

Example:

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C507	DATE/TIME/PERIOD	M					
	2005	Date/time/period qualifier	M	an..3	:			
	2380	Date/time/period	C	an..35	:			
	2379	Date/time/period format qualifier	C	an..3	'			

REQUIREMENT INFORMATION

Segment group 17: SCC-SG18

Segment group:	17 [GIS.LIN.SG17]	Level:	3
EDIFACT status:	conditional	GM status:	conditional
Maximum use:	999 per LIN in segment group 12	GM occurrences:	max. 999 per SG12
Function:	group of segments specifying the schedule information for the product identified in the LIN segment. This segment group provides the schedule for the identified delivery point and product.		
GM interchange:	see description of different occurrences of segment group 17.		

SEGMENT GROUP 17	QUANTITY TO BE DELIVERED.
-------------------------	----------------------------------

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">0610.[GIS.LIN].SCC</td> </tr> <tr> <td style="padding: 2px;">0630.[GIS.LIN.SCC].QTY</td> </tr> <tr> <td style="padding: 2px;">0640.[GIS.LIN.SCC.QTY].DTM</td> </tr> </table>	0610.[GIS.LIN].SCC	0630.[GIS.LIN.SCC].QTY	0640.[GIS.LIN.SCC.QTY].DTM	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Schedule status & delivery frequency</td> </tr> <tr> <td style="padding: 2px;">Quantity to be delivered</td> </tr> <tr> <td style="padding: 2px;">Delivery date/time</td> </tr> </table>	Schedule status & delivery frequency	Quantity to be delivered	Delivery date/time
0610.[GIS.LIN].SCC							
0630.[GIS.LIN.SCC].QTY							
0640.[GIS.LIN.SCC.QTY].DTM							
Schedule status & delivery frequency							
Quantity to be delivered							
Delivery date/time							

0610 SCC - SCHEDULING CONDITIONS

Segment group:	17 [GIS.LIN.SCC]	Level:	3
EDIFACT status:	mandatory if segment group 17 is used	GM status:	mandatory
Maximum use:	1 per segment group 17	GM occurrences:	1 per segment group 17
Function:	segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery pattern.		
GM interchange:	GM Can transmit up to 40 individual weekly quantities. It is also possible for GM to send up to 20 weekly quantities plus 5 flexible four-weekly quantities for a total of 40 weeks.		

Example: **SCC+1++W:10'** [weekly quantities]
 SCC+4++F :14' [four-weekly quantities]
 A B C

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION			
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS	
A	4017	DELIVERY PLAN STATUS INDICATOR, CODED	M	an..3	+	M	an..3	Code value qualifying the quantity defined in the following QTY. For code value see below.	
	4493	DELIVERY REQUIREMENTS, CODED	C	an..3	+				
B	C329	PATTERN DESCRIPTION	C			C		Definition of the time unit for the quantity defined in the preceding QTY. For code value see below.	
	2013	Frequency, coded	C	an..3	:	C	an..3		
C	2015	Despatch pattern, coded	C	an..3	:	C	an..3	Code specifying the days/periods for routine shipments or deliveries. For code value see below.	
	2017	Despatch pattern timing, coded	C	an..3	'				

CODE VALUES

4017 - Delivery Plan Status Indicator, coded

1	Firm quantity
4	Planning quantity

2013 - Frequency, coded

F	Flexible interval
W	Weekly

0610 **SCC** - CONTINUED

2015 - Despatch pattern, coded

- 1 1st week of the month
- 2 2nd week of the month
- 3 3rd week of the month
- 4 4th week of the month
- 5 5th week of the month
- 6 1st and 3rd weeks of the month
- 7 2nd and 4th weeks of the month
- 10 Monday through Friday
- 11 Monday through Saturday
- 12 Monday through Sunday
- 13 Monday
- 14 Tuesday
- 15 Wednesday
- 16 Thursday
- 17 Friday
- 18 Saturday
- 19 Sunday
- 20 Immediately - at the earliest date/time within the defined lead time
- 21 As directed
- 22 Each week of the month
- 23 Daily Monday through Friday

Segment group 18: QTY-DTM-SG19

Segment group: 18 [GIS.LIN.SCC.SG17] Level: 4
 EDIFACT status: conditional GM status: conditional
 Maximum use: 999 per SCC in segment group 17 GM occurrences: max. 999 per SG17
 Function: group of segments specifying product quantities and associated dates.
 GM interchange: see description of different occurrences of segment group 17.

0630 QTY - QUANTITY

Segment group: 18 [GIS.LIN.SCC.QTY] Level: 4
 EDIFACT status: mandatory if segment group 18 is used GM status: mandatory
 Maximum use: 1 per segment group 18 (max. 999 per SCC) GM occurrences: 1 per segment group 18
 Function: segment to specify scheduled quantities which may be related to schedule(s) and, or pattern established in the following DTM segment, e.g. delivery quantity for a specified date.
 GM interchange: see remarks.
 Example: **QTY+1:9999:C62'**
 A B C

REF	TAG	EDIFACT STANDARD DEFINITION			GM IMPLEMENTATION			REMARKS
		NAME	ST	FT	SP	ST	FT	
	C186	QUANTITY DETAILS	M			M		
A	6063	Quantity qualifier	M	an..3	:	M	an..3	"1" = Discrete Quantity. Forecasted quantity for the time period defined by the preceding SCC. For code value see UN/ECE Recommendation No. 20.
B	6060	Quantity	M	n..15	:	M	n..15	
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	

0640 DTM - DATE/TIME/PERIOD

Segment group: 18 [GIS.LIN.SCC.QTY.DTM] Level: 5
 EDIFACT status: conditional GM status: conditional
 Maximum use: 2 per QTY in segment group 18 GM occurrences: max. 2 per segment group 18
 Function: segment indicating date/time/period details relating to the given quantity.
 GM interchange: see remarks.

Example: **DTM+2 :19970616:102'** [Delivery date/time,requested]
 (for MGO it means ship date)
DTM+158:19970713:102' [Horizon start date]
DTM+159:19970813:102' [only with four-weekly quantities / Horizon end date]
 A B C

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

1st occurrence: always (SCC 2013 = W or F).

REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	C507	DATE/TIME/PERIOD	M			M		
	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"2" = Delivery date/time, requested (for MGO it means ship date) or "158" = Horizon start date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Monday of the week/period associated with the quantity defined in the preceding QTY.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"102" = CCYYMMDD.

2nd occurrence: four-weekly quantities only (only when SCC 2013 = F) - end date of four-weekly period

A	C507	DATE/TIME/PERIOD	M			M		
	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"159" = Horizon end date
B	2380	Date/time/period	C	an..35	:	M	an..35	Sunday of the last week.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"102" = CCYYMMDD.

SEGMENT GROUP 17
CUMULATIVE MATERIAL AUTHORIZATION

0610.[GIS.LIN].SCC	Authorization code
0630.[GIS.LIN.SCC].QTY	Cumulative material authorisation quantity
0640.[GIS.LIN.SCC.QTY].DTM	Cumulative calculation period start date
0640.[GIS.LIN.SCC.QTY].DTM	Cumulative calculation period end date

0610 SCC - SCHEDULING CONDITIONS

Description: see quantity information 1.

Example: **SCC+3'**
A

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
A	4017	DELIVERY PLAN STATUS INDICATOR, CODED	M	an..3	+	M	an..3	"3" = Commitment for material. (Material Authorization)
REST OF SEGMENT NOT USED.								

0630 QTY - QUANTITY

Description: see quantity information 1.

Example: **QTY+3:99999:C62'**
A B C

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C186	QUANTITY DETAILS	M			M		
A	6063	Quantity qualifier	M	an..3	:	M	an..3	"3" = Cumulative quantity.
B	6060	Quantity	M	n..15	:	M	n..15	Cumulative material authorisation quantity for the period defined in the following DTM's
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	For code value see UN/ECE Recommendation No. 20.

0640 DTM - DATE/TIME/PERIOD

Description: see quantity information 1.

Example: **DTM+51:19970101:102'** [Start date]
DTM+52:19970701:102' [End date]
A B C

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS

Start date

	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"51" = Cumulative quantity, start date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Start date of cumulative quantity calculation.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"102" = CCYYMMDD.

End date

	C507	DATE/TIME/PERIOD	M			M		
A	2005	Date/time/period qualifier	M	an..3	:	M	an..3	"52" = Cumulative quantity, end date.
B	2380	Date/time/period	C	an..35	:	M	an..35	Last date of the authorization.
C	2379	Date/time/period format qualifier	C	an..3	'	M	an..3	"102" = CCYYMMDD.

Segment group 20: PAC-MEA-QTY-DTM-SG21

Segment group: 20 [GIS.LIN.SG20] Level: 3
 EDIFACT status: conditional GM status: conditional
 Maximum use: 99 per LIN in segment group 12 GM occurrences: 1 per segment group 12
 Function: group of segments identifying the packaging, physical dimensions, and marks and numbers for goods referenced in the line item to be delivered.
 GM interchange: see segment description.

0690 PAC - PACKAGE

Segment group: 20 [GIS.LIN.PAC] Level: 3
 EDIFACT status: mandatory if segment group 20 is used GM status: mandatory
 Maximum use: 1 per segment group 20 (max. 99 per LIN) GM occurrences: 1 per segment group 20
 Function: segment specifying the number of package units and the type of packaging for the line item, e.g. pallet.
 GM interchange: see remarks.
 Example: **PAC+++0KLT4328**
 A

REF	TAG	EDIFACT STANDARD DEFINITION			GM IMPLEMENTATION			
		NAME	ST	FT	SP	ST	FT	REMARKS
	7224	NUMBER OF PACKAGES	C	n..8	+			
	C531	PACKAGING DETAILS	C					
	7075	Packaging level, coded	C	an..3	:			
	7233	Packaging related information, coded	C	an..3	:			
	7073	Packaging terms and conditions, coded	C	an..3	+			
A	C202	PACKAGE TYPE	C			C		
	7065	Type of packages identification	C	an..17	:	C	an..17	GM assigned 8 digit package type ShipDirect might use more than 8 digit package type Coded identification of the type of package to be used for the product defined in the preceding LIN.
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	7064	Type of packages	C	an..35	+			
	C402	PACKAGE TYPE IDENTIFICATION	C					
	7077	Item description type, coded	M	an..3	:			
	7064	Type of packages	C	an..35	:			
	7143	Item number type, coded	C	an..3	:			
	7064	Type of packages	C	an..35	:			
	7143	Item number type, coded	C	an..3	+			
	C532	RETURNABLE PACKAGE DETAILS	C					
	8395	Returnable package freight payment responsibility, coded	C	an..3	:			
	8393	Returnable package load contents, coded	C	an..3	:			

]

0710 QTY - QUANTITY

Segment group: 20 [GIS.LIN.PAC.QTY] Level: 4
 EDIFACT status: conditional GM status: conditional
 Maximum use: 5 per PAC in segment group 20 GM occurrences: 1 per segment group 20
 Function: segment to specify pertinent quantities relating to the physical units (packages) described in the PAC segment.
 GM interchange: see remarks.
 Example: **QTY+52:75:C62'**
 A B C

EDIFACT STANDARD DEFINITION						GM IMPLEMENTATION		
REF	TAG	NAME	ST	FT	SP	ST	FT	REMARKS
	C186	QUANTITY DETAILS	M			M		
A	6063	Quantity qualifier	M	an..3	:	M	an..3	"52" = Quantity per pack.
B	6060	Quantity	M	n..15	:	M	n..15	Quantity.
C	6411	Measure unit qualifier	C	an..3	'	C	an..3	For code value see UN/ECE Recommendation No. 20.

3.8. EXAMPLE OF MESSAGE

Following example is only illustrative and does not necessarily reflect an existing situation. It **MAY NEVER** be used as a basis for programming or implementing this message.

UNB+UNOA:2+MBXNOGM+MBXNOSUPPLIER+970608:0735+12++MGO'	
UNH+1+DELFOR:D:97A:UN'	
BGM+241::PS+12+5'	
DTM+137:19970608:102'	<i>Document issue date</i>
DTM+158:19970609:102'	<i>Horizon start date</i>
DTM+159:19980315:102'	<i>Horizon end date</i>
FTX+AAI+++THIS FORECAST IS SUBJECT TO THE FUNDAMENTAL COMMERCIAL CONDITIONS:SPECIFIED IN THE GME-MATERIALS MANAGEMENT REQUIREMENTS AND CONDITIONS'	
NAD+SU+084559798::16'	<i>Supplier</i>
NAD+MI+88122::92'	<i>Material issuer</i>
NAD+SF+123456789::16'	<i>Ship From</i>
GIS+37'	
NAD+ST+72443::92'	<i>Ship To</i>
LIN+++12345678:IN'	
PIA+1+7:RY++1234:MP'	
IMD+++P:::DESCRIPTION'	<i>Item Description</i>
LOC+11+A1A2A'	<i>Receiving dock</i>
LOC+159+A1A2A3A4'	<i>Line feed location/Material Handling Code</i>
FTX+AAI+++TEXT'	
RFF+ON:A1A2A3A4A'	<i>Purchase Order</i>
QTY+79:99999:C62'	<i>Cum. quantity scheduled since start of inventory date</i>
DTM+51:19970101:102'	
DTM+52:19970607:102'	
QTY+3:99999:C62'	<i>Cum. quantity shipped since start of inventory year</i>
DTM+51:19970101:102'	
DTM+11:19970605:102'	<i>Last ASN Date sent by the supplier</i>
SCC+1++W:10'	<i>Quantity to be delivered (weekly quantity)</i>
QTY+1:9999:C62'	<i>Quantity for week 1</i>
DTM+2:19970609:102'	<i>Week 1 identification</i>
QTY+1:9999:C62'	<i>Quantity for week 2</i>
DTM+2:19970616:102'	<i>Week 2 identification</i>
QTY ...	
SCC+4++F:10'	<i>Quantity to be delivered (4-weekly quantity)</i>
QTY+1:9999:C62'	<i>Quantity for period 1</i>
DTM+2:19971027:102'	<i>Period 1 identification</i>
DTM+159:19971123:102'	
QTY+1:9999:C62'	<i>Quantity for period 2</i>
DTM+2:19971124:102'	<i>Period 2 identification</i>
DTM+159:19971221:102'	
QTY ...	
SCC+2'	<i>Fabrication authorization</i>
QTY+3:99999:C62'	
DTM+51:19970101:102'	
DTM+52:19970701:102'	
SCC+3'	<i>Material authorization</i>
QTY+3:99999:C62'	
DTM+51:19970101:102'	
DTM+52:19970701:102'	
PAC+++0KLT42328'	<i>Package information</i>
QTY+52:75:C62'	
UNT+51+1'	
UNZ+1+12'	

For ease of reading the message has been shown with each segment type on a separate line, which will not be the case when the message is normally transmitted. On the next page there is an example of how the same message will look like when transmitted.

UNB+UNOA:2+MBXNOGM+MBXNOSUPPLIER+970608:0735+12++MGO'UNH+1+DELFOR:D:97A:UN'BGM+241+12+5'DTM+137:19970608:102'DTM+158:19970609:102'DTM+159:19980315:102'FTX+AAI+++THIS FORECAST IS SUBJECT TO THE FUNDAMENTAL COMMERCIAL CONDITIONS:SPECIFIED IN THE GME-MATERIALS MANAGEMENT REQUIREMENTS AND CONDITIONS'NAD+MI+88122::92'NAD+SU+084559798::16'NAD+SF+123456789::16'GIS+37'NAD+ST+72443::92'LIN+++123456

78:IN'PIA+1+7:RY++1234:MP'IMD+++P::DESCRIPTION'LOC+11+A1A2A'LOC+159+A1A2A3A4'FTX+AAI+++TEXT'RFF+ON:A1A2A3A4A'QTY+79:99999:C62'DTM+51:19970101:102'DTM+52:19970607:102'QTY+3:99999:C62'DTM+51:19970101:102'DTM+11:19970605:102'SCC+1++W'QTY+1:9999:C62'DTM+2:19970609:102'QTY+1:9999:C62'DTM+2:19970616:102'QTY...'SCC+4++F'QTY+1:9999:C62'DTM+2:19971027:102'DTM+159:19971123:102'QTY+1:9999:C62'DTM+2:19971124:102'DTM+159:19971221:102'QTY...'SCC+2'QTY+3:99999:C62'DTM+51:19970101:102'DTM+52:19970701:102'SCC+3'QTY+3:99999:C62'DTM+51:19970101:102'DTM+52:19970701:102'PAC+++0KLT42 328'QTY+52:75:C62'UNT+51+1'UNZ+1+12'

3.9. SEGMENTS NOT USED IN DELFOR SUBSET

To provide a complete documentation the segments which have been defined in the EDIFACT DELFOR D97.A but are not included in the subset used by GM are provided below in alphabetical sequence.

ALI - ADDITIONAL INFORMATION

Function: To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		
		NAME	ST	FT	SP	ST	FT	REMARKS
	3239	COUNTRY OF ORIGIN, CODED	C	an..3	+			
	9213	TYPE OF DUTY REGIME, CODED	C	an..3	+			
	4183	SPECIAL CONDITIONS, CODED	C	an..3	+			
	4183	SPECIAL CONDITIONS, CODED	C	an..3	+			
	4183	SPECIAL CONDITIONS, CODED	C	an..3	+			
	4183	SPECIAL CONDITIONS, CODED	C	an..3	+			
	4183	SPECIAL CONDITIONS, CODED	C	an..3	+			

COM - COMMUNICATION CONTACT

Function: To identify a communication number of a department or a person to whom communication should be directed.

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		
		NAME	ST	FT	SP	ST	FT	REMARKS
	C076	COMMUNICATION CONTACT	M					
	3148	Communication number	M	an..512	:			
	3155	Communication channel qualifier	M	an..3	'			

CTA - CONTACT INFORMATION

Function: To identify a person or a department to whom communication should be directed.

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		
		NAME	ST	FT	SP	ST	FT	REMARKS
	3139	CONTACT FUNCTION, CODED	C	an..3	+			
	C056	DEPARTMENT OR EMPLOYEE DETAILS	C					
	3413	Department or employee identification	C	an..17	:			
	3412	Department or employee	C	an..35	'			

DOC - DOCUMENT / MESSAGE DETAILS

Function: To identify documents, either printed, electronically transferred, or referenced as specified in message description, including, where relevant, the identification of the type of transaction that will result from this message.

REF	TAG	EDIFACT STANDARD DEFINITION			GM IMPLEMENTATION			
		NAME	ST	FT	SP	ST	FT	REMARKS
	C002	<i>DOCUMENT/MESSAGE NAME</i>	M					
	1001	Document/message name, coded	C	an..3	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	1000	Document/message name	C	an..35	+			
	C503	<i>DOCUMENT/MESSAGE DETAILS</i>	C					
	1004	Document/message number	C	an..35	:			
	1373	Document/message status, coded	C	an..3	:			
	1366	Document/message source	C	an..35	:			
	3453	Language, coded	C	an..3	+			
	3153	COMMUNICATION CHANNEL IDENTIFIER, CODED	C	an..3	+			
	1220	NUMBER OF COPIES OF DOCUMENT REQUIRED	C	n..2	+			
	1218	NUMBER OF ORIGINALS OF DOCUMENT REQUIRED	C	n..2	+			

GIN - GOODS IDENTITY NUMBER

Function: To give specific identification numbers, either as single numbers or ranges.

REF	TAG	EDIFACT STANDARD DEFINITION			GM IMPLEMENTATION			
		NAME	ST	FT	SP	ST	FT	REMARKS
	7405	IDENTITY NUMBER QUALIFIER	M	an..3	+			
	C208	<i>IDENTITY NUMBER RANGE</i>	M					
	7402	Identity number	M	an..35	:			
	7402	Identity number	C	an..35	+			
	C208	<i>IDENTITY NUMBER RANGE</i>	C					
	7402	Identity number	M	an..35	:			
	7402	Identity number	C	an..35	+			
	C208	<i>IDENTITY NUMBER RANGE</i>	C					
	7402	Identity number	M	an..35	:			
	7402	Identity number	C	an..35	+			
	C208	<i>IDENTITY NUMBER RANGE</i>	C					
	7402	Identity number	M	an..35	:			
	7402	Identity number	C	an..35	+			
	C208	<i>IDENTITY NUMBER RANGE</i>	C					
	7402	Identity number	M	an..35	:			
	7402	Identity number	C	an..35	+			

GIR - RELATED IDENTIFICATION NUMBERS

Function: To specify a related set of identification numbers.

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		REMARKS
		NAME	ST	FT	SP	ST	FT	
	7297	SET IDENTIFICATION QUALIFIER	M	an..3	+			
	C206	<i>IDENTIFICATION NUMBER</i>	M					
	7402	Identity number	M	an..35	:			
	7405	Identity number qualifier	C	an..3	:			
	4405	Status, coded	C	an..3	+			
	C206	<i>IDENTIFICATION NUMBER</i>	C					
	7402	Identity number	M	an..35	:			
	7405	Identity number qualifier	C	an..3	:			
	4405	Status, coded	C	an..3	+			
	C206	<i>IDENTIFICATION NUMBER</i>	C					
	7402	Identity number	M	an..35	:			
	7405	Identity number qualifier	C	an..3	:			
	4405	Status, coded	C	an..3	+			
	C206	<i>IDENTIFICATION NUMBER</i>	C					
	7402	Identity number	M	an..35	:			
	7405	Identity number qualifier	C	an..3	:			
	4405	Status, coded	C	an..3	+			
	C206	<i>IDENTIFICATION NUMBER</i>	C					
	7402	Identity number	M	an..35	:			
	7405	Identity number qualifier	C	an..3	:			
	4405	Status, coded	C	an..3	+			

IMD - ITEM DESCRIPTION

Function: To describe the product or the service to be delivered.

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		REMARKS
		NAME	ST	FT	SP	ST	FT	
	7077	ITEM DESCRIPTION TYPE, CODED	C	an..3	+			
	7081	ITEM CHARACTERISTIC, CODED	C	an..3	+			
	C273	<i>ITEM DESCRIPTION</i>	C					
	7009	Item description identification	C	an..17	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	7008	Item description	C	an..35	:			
	7008	Item description	C	an..35	:			
	3453	Language, coded	C	an..3	+			
	7383	SURFACE/LAYER INDICATOR, CODED	C	an..3	'			

MEA - MEASUREMENTS

Function: To specify physical measurements, including dimension tolerances, weights and counts.

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		
		NAME	ST	FT	SP	ST	FT	REMARKS
	6311	MEASUREMENT PURPOSE QUALIFIER	M	an..3	+			
	C502	MEASUREMENT DETAILS	C					
	6313	Property measured, coded	C	an..3	:			
	6321	Measurement significance, coded	C	an..3	:			
	6155	Measurement attribute identification	C	an..17	:			
	6154	Measurement attribute	C	an..70	+			
	C174	VALUE/RANGE	C					
	6411	Measure unit qualifier	M	an..3	:			
	6314	Measurement value	C	an..18	:			
	6162	Range minimum	C	n..18	:			
	6152	Range maximum	C	n..18	:			
	6432	Significant digits	C	n..2	+			
	7383	SURFACE/LAYER INDICATOR, CODED	C	an..3	'			

PCI - PACKAGE IDENTIFICATION

Function: To specify markings and labels on individual packages or physical units.

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		
		NAME	ST	FT	SP	ST	FT	REMARKS
	4233	MARKING INSTRUCTIONS, CODED	C	an..3	+			
	C210	MARKS & LABELS	M					
	7102	Shipping marks	M	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	:			
	7102	Shipping marks	C	an..35	+			
	8275	CONTAINER/PACKAGE STATUS, CODED	C	an..3	+			
	C827	TYPE OF MARKING	C					
	7511	Type of marking, coded	M	an..3	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	'			

TDT - DETAILS OF TRANSPORT

Function: To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.

REF	TAG	EDIFACT STANDARD DEFINITION				GM IMPLEMENTATION		REMARKS
		NAME	ST	FT	SP	ST	FT	
	8051	TRANSPORT STAGE QUALIFIER	M	an..3	+			
	8028	CONVEYANCE REFERENCE NUMBER	C	an..17	+			
	C220	<i>MODE OF TRANSPORT</i>	C					
	8067	Mode of transport, coded	C	an..3	:			
	8066	Mode of transport	C	an..17	+			
	C228	<i>TRANSPORT MEANS</i>	C					
	8179	Type of means of transport identification	C	an..8	:			
	8178	Type of means of transport	C	an..17	+			
	C040	<i>CARRIER</i>	C					
	3127	Carrier identification	C	an..17	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	3128	Carrier name	C	an..35	+			
	8101	TRANSIT DIRECTION, CODED	C	an..3	+			
	C401	<i>EXCESS TRANSPORTATION INFORMATION</i>	C					
	8457	Excess transportation reason, coded	M	an..3	:			
	8459	Excess transportation responsibility, coded	M	an..3	:			
	7130	Customer authorisation number	C	an..17	+			
	C222	<i>TRANSPORT IDENTIFICATION</i>	C					
	8213	Id. of means of transport identification	C	an..9	:			
	1131	Code list qualifier	C	an..3	:			
	3055	Code list responsible agency, coded	C	an..3	:			
	8212	Id. of the means of transport	C	an..35	:			
	8453	Nationality of means of transport, coded	C	an..3	+			
	8281	TRANSPORT OWNERSHIP, CODED	C	an..3	+			

4. MESSAGE INFORMATION

This section contains additional information related to the EDIFACT DELFOR D97.A message.

4.1. SEGMENTS REPERTORY

The following tables show all the data segments defined for the EDIFACT DELFOR D97.A message, used as basis for the GM Delivery Instruction message.

4.1.1. Segments in alphabetical sequence

<u>Segment name</u>	<u>Tag</u>
Additional information.....	ALI
Additional product id.....	PIA
Beginning of message.....	BGM
Communication contact.....	COM
Contact information.....	CTA
Date/time/period.....	DTM
Details of transport.....	TDT
Document/message details.....	DOC
Free text.....	FTX
General indicator.....	GIS
Goods identity number.....	GIN
Item description.....	IMD
Line item.....	LIN
Measurements.....	MEA
Name and address.....	NAD
Package.....	PAC
Package identification.....	PCI
Place/location identification.....	LOC
Quantity.....	QTY
Reference.....	RFF
Related identification numbers.....	GIR
Scheduling conditions.....	SCC

4.1.2. Segments in segment tag sequence

<u>Tag</u>	<u>Segment name</u>
ALI	Additional information
BGM	Beginning of message
COM	Communication contact
CTA	Contact information
DOC	Document/message details
DTM	Date/time/period
FTX	Free text
GIN	Goods identity number
GIR	Related identification numbers
GIS	General indicator
IMD	Item description
LIN	Line item
LOC	Place/location identification
MEA	Measurements
NAD	Name and address
PAC	Package
PCI	Package identification
PIA	Additional product id
QTY	Quantity
RFF	Reference

<u>Tag</u>	<u>Segment name</u>
SCC	Scheduling conditions
TDT	Details of transport

4.2. DATA ELEMENTS REPERTORY

The following listings show all the data elements defined for the EDIFACT DELFOR D97.A message, used as basis for the GM Delivery Instruction message.

4.2.1. Service data elements in alphabetical sequence

List of data elements defined for the UNB, UNH, UNT and UNZ service segments.

<u>Data element name</u>	<u>Tag</u>
Acknowledgement Request.....	0031
Address for Reverse Routing	0008
Application Reference	0026
Association Assigned Code.....	0057
Common Access Reference.....	0068
Communications Agreement ID	0032
Controlling Agency	0051
Date of Preparation	0017
First / Last Message Indicator	0072
Identification Code Qualifier	0007
Interchange Control Count	0036
Interchange Control Reference	0020
Message Reference Number	0062
Message Type Identifier	0065
Message Type Release Number	0054
Message Type Version Number	0052
Number of Segments in Message	0074
Processing Priority Code.....	0029
Recipient Identification	0010
Recipient's Reference / Password.....	0022
Recipient's Reference / Password Qualifier	0025
Routing Address.....	0014
Sender Identification.....	0004
Sequence Message Transfer Number.....	0070
Syntax Identifier.....	0001
Syntax Version Number	0002
Test Indicator	0035
Time of Preparation.....	0019

4.2.2. Service data elements in tag sequence

<u>Tag</u>	<u>Data element name</u>	<u>Segment(s)</u>
0001	Syntax Identifier.....	UNB
0002	Syntax Version Number.....	UNB
0004	Sender Identification.....	UNB
0007	Identification Code Qualifier	UNB

<u>Tag</u>	<u>Data element name</u>	<u>Segment(s)</u>
0008	Address for Reverse Routing	UNB
0010	Recipient Identification	UNB
0014	Routing Address	UNB
0017	Date of Preparation	UNB
0019	Time of Preparation	UNB
0020	Interchange Control Reference	UNB, UNZ
0022	Recipient's Reference / Password	UNB
0025	Recipient's Reference / Password Qualifier	UNB
0026	Application Reference	UNB
0029	Processing Priority Code	UNB
0031	Acknowledgement Request	UNB
0032	Communications Agreement ID	UNB
0035	Test indicator	UNB
0036	Interchange Control Count	UNZ
0051	Controlling Agency	UNH
0052	Message Type Version Number	UNH
0054	Message Type Release Number	UNH
0057	Association Assigned Code	UNH
0062	Message Reference Number	UNH, UNT
0065	Message Type Identifier	UNH
0068	Common Access Reference	UNH
0070	Sequence Message Transfer Number	UNH
0073	First/last Message Indicator	UNH
0074	Number of Segments in Message	UNT

4.2.3. Data elements in alphabetical sequence

List of data elements defined for the data segments contained in this message.

<u>Data element name</u>	<u>Tag</u>
Action request/notification, coded.....	1229
Carrier identification	3127
Carrier name	3128
City name	3164
Code list qualifier	1131
Code list responsible agency, coded.....	3055
Communication channel identifier, coded.....	3153
Communication channel qualifier	3155
Communication number	3148
Configuration, coded	7083
Configuration level.....	1222
Contact function, coded.....	3139
Container package status, coded.....	8275
Country, coded.....	3207
Country of origin, coded	3239
Country sub-entity identification	3229
Conveyance reference number	8028
Customer authorisation number	7130
Date/time/period.....	2380
Date/time/period format qualifier	2379
Date/time/period qualifier	2005
Delivery plan status indicator, coded.....	4017
Delivery requirements, coded.....	4493
Department or employee.....	3412
Department or employee identification	3413
Despatch pattern, coded	2015
Despatch pattern timing, coded.....	2017
Document/message name	1000
Document/message name, coded.....	1001
Document/message number	1004

<u>Data element name</u>	<u>Tag</u>
Document/message source.....	1366
Document/message status, coded.....	1373
Excess transportation reason, coded.....	8457
Excess transportation responsibility, coded.....	8459
Free text.....	4440
Free text, coded.....	4441
Frequency, coded.....	2013
Id. of means of transport identification.....	8213
Id. of the means of transport.....	8212
Identity number.....	7402
Identity number qualifier.....	7405
Item characteristic, coded.....	7081
Item description.....	7008
Item description identification.....	7009
Item description type, coded.....	7077
Item number.....	7140
Item number type, coded.....	7143
Language, coded.....	3453
Line item number.....	1082
Line number.....	1156
Marking instructions, coded.....	4233
Measure unit qualifier.....	6411
Measurement attribute.....	6154
Measurement attribute identification.....	6155
Measurement purpose qualifier.....	6311
Measurement significance, coded.....	6321
Measurement value.....	6314
Message function, coded.....	1225
Mode of transport.....	8066
Mode of transport, coded.....	8067
Name and address line.....	3124
Nationality of means of transport, coded.....	8453
Number of copies of document required.....	1220
Number of originals of document required.....	1218
Number of packages.....	7224
Packaging level, coded.....	7075
Packaging related information, coded.....	7233
Packaging terms and conditions, coded.....	7073
Party id. Identification.....	3039
Party name.....	3036
Party name format, coded.....	3045
Party qualifier.....	3035
Place/location.....	3224
Place/location identification.....	3225
Place/location qualifier.....	3227
Postcode identification.....	3251
Process type identification.....	7187
Processing indicator, coded.....	7365
Product Id. function qualifier.....	4347
Property measured, coded.....	6313
Quantity.....	6060
Quantity qualifier.....	6063
Range maximum.....	6152

<u>Data element name</u>	<u>Tag</u>
Range minimum	6162
Reference number.....	1154
Reference qualifier	1153
Reference version number	4000
Related place/location one	3222
Related place/location two.....	3232
Related place/location one Id.	3223
Related place/location two Id.....	3233
Relation, coded	5479
Response type, coded.....	4343
Returnable package freight payment responsibility, coded	8395
Returnable package load contents, coded	8393
Revision number	1060
Set identification qualifier	7297
Shipping marks	7102
Significant digits	6432
Special conditions, coded.....	4183
Status, coded	4405
Street and number/p.o. box.....	3042
Sub-line indicator, coded.....	5495
Surface/layer indicator, coded.....	7383
Text function, coded	4453
Text subject qualifier	4451
Transit direction, coded	8101
Transport ownership, coded.....	8281
Transport stage qualifier.....	8051
Type of duty regime, coded.....	9213
Type of marking, coded.....	7511
Type of means of transport	8178
Type of means of transport identification.....	8179
Type of packages.....	7064
Type of packages identification	7065
Version.....	1056

4.5.4. Data elements in tag sequence

<u>Tag</u>	<u>Data element name</u>	<u>Segment(s)</u>
1000	Document/message name.....	BGM, DOC
1001	Document/message name, coded.....	BGM, DOC
1004	Document/message number	BGM, DOC
1056	Version	BGM
1060	Revision number	BGM
1082	Line item number.....	LIN
1131	Code list qualifier.....	BGM, DOC, FTX, GIS, IMD, LIN LOC, PAC, PCI, PIA, TDT
1153	Reference qualifier	RFF
1154	Reference number.....	RFF
1156	Line number	RFF
1218	Number of originals of document required.....	DOC
1220	Number of copies of document required.....	DOC
1222	Configuration level.....	LIN
1225	Message function, coded.....	BGM
1229	Action request/notification, coded.....	LIN
1366	Document/message source.....	DOC
1373	Document/message status, coded	DOC
2005	Date/time/period qualifier.....	DTM
2013	Frequency, coded.....	SCC

<u>Tag</u>	<u>Data element name</u>	<u>Segment(s)</u>
2015	Despatch pattern, coded	SCC
2017	Despatch pattern timing, coded	SCC
2379	Date/time/period format qualifier	DTM
2380	Date/time/period	DTM
3035	Party qualifier	NAD
3036	Party name	NAD
3039	Party id. Identification	NAD
3042	Street and number/p.o. box	NAD
3045	Party name format, coded	NAD
3055	Code list responsible agency, coded	BGM, DOC, FTX, GIS, IMD, LIN LOC, PAC, PCI, PIA, TDT
3124	Name and address line	NAD
3127	Carrier identification	TDT
3128	Carrier name	TDT
3139	Contact function, coded	CTA
3148	Communication number	COM
3153	Communication channel identifier, coded	DOC
3155	Communication channel qualifier	COM
3164	City name	NAD
3207	Country, coded	NAD
3222	Related place/location one	LOC
3223	Related place/location one Id.	LOC
3224	Place/location	LOC
3225	Place/location identification	LOC
3227	Place/location qualifier	LOC
3229	Country sub-entity identification	NAD
3232	Related place/location two	LOC
3233	Related place/location two Id.	LOC
3239	Country of origin, coded	ALI
3251	Postcode identification	NAD
3412	Department or employee	CTA
3413	Department or employee identification	CTA
3453	Language, coded	DOC, FTX, IMD
4000	Reference version number	RFF
4017	Delivery plan status indicator, coded	SCC
4183	Special conditions, coded	ALI
4233	Marking instructions, coded	PCI
4343	Response type, coded	BGM
4347	Product Id. function qualifier	PIA
4405	Status, coded	GIR
4440	Free text	FTX
4441	Free text, coded	FTX
4451	Text subject qualifier	FTX
4453	Text function, coded	FTX
4493	Delivery requirements, coded	SCC
5479	Relation, coded	LOC
5495	Sub-line indicator, coded	LIN
6060	Quantity	QTY
6063	Quantity qualifier	QTY
6152	Range maximum	MEA
6154	Measurement attribute	MEA
6155	Measurement attribute identification	MEA
6162	Range minimum	MEA
6311	Measurement purpose qualifier	MEA
6313	Property measured, coded	MEA
6314	Measurement value	MEA
6321	Measurement significance, coded	MEA
6411	Measure unit qualifier	MEA, QTY

<u>Tag</u>	<u>Data element name</u>	<u>Segment(s)</u>
6432	Significant digits	MEA
7008	Item description	IMD
7009	Item description identification	IMD
7064	Type of packages	PAC
7065	Type of packages identification	PAC
7073	Packaging terms and conditions, coded	PAC
7075	Packaging level, coded	PAC
7077	Item description type, coded	IMD, PAC
7081	Item characteristic, coded	IMD
7083	Configuration, coded	LIN
7102	Shipping marks	PCI
7130	Customer authorisation number	TDT
7140	Item number	LIN, PIA
7143	Item number type, coded	LIN, PAC, PIA
7187	Process type identification	GIS
7224	Number of packages	PAC
7233	Packaging related information, coded	PAC
7297	Set identification qualifier	GIR
7365	Processing indicator, coded	GIS
7383	Surface/layer indicator, coded	IMD, MEA
7402	Identity number	GIN, GIR
7405	Identity number qualifier	GIN, GIR
7511	Type of marking, coded	PCI
8028	Conveyance reference number	TDT
8051	Transport stage qualifier	TDT
8066	Mode of transport	TDT
8067	Mode of transport, coded	TDT
8101	Transit direction, coded	TDT
8178	Type of means of transport	TDT
8179	Type of means of transport identification	TDT
8212	Id. of the means of transport	TDT
8213	Id. of means of transport identification	TDT
8275	Container package status, coded	PCI
8281	Transport ownership, coded	TDT
8393	Returnable package load contents, coded	PAC
8395	Returnable package freight payment responsibility, coded	PAC
8453	Nationality of means of transport, coded	TDT
8457	Excess transportation reason, coded	TDT
8459	Excess transportation responsibility, coded	TDT
9213	Type of duty regime, coded	ALI